

## Anti-ALAS1 antibody (1-250) (STJ115423)

STJ115423

### GENERAL INFORMATION

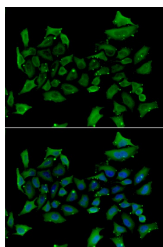
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | IF/ICC/ELISA       |
| <b>Host/Source</b>       | Rabbit             |
| <b>Reactivity</b>        | Human              |

### PRODUCT PROPERTIES

|                      |                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>     | Polyclonal                                                                                                                        |
| <b>Clone ID</b>      |                                                                                                                                   |
| <b>Concentration</b> | Lot specific                                                                                                                      |
| <b>Conjugation</b>   | Unconjugated                                                                                                                      |
| <b>Purification</b>  | Affinity purification                                                                                                             |
| <b>Dilution</b>      | IF/ICC:1:50-1:200                                                                                                                 |
| <b>Range</b>         | ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>   | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                |
| <b>Isotype</b>       | IgG                                                                                                                               |
| <b>Storage</b>       | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                    |
| <b>Instruction</b>   |                                                                                                                                   |

### TARGET INFORMATION

|                           |                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 211                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Gene Symbol</b>        | ALAS1                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Uniprot ID</b>         | HEM1_HUMAN                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>          |                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Immunogen Region</b>   | 1-250                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human ALAS1 (NP_954635.1).<br>MESVVRRCPLSRVPQAFLLQ KAGKSLFYAQNCPKMMMEVG AKPAPRALSTAAVHYQQIKE TPPASEKDKTAKAKVQQTDPD<br>GSQQSPDGTQLPSGHPLPAT SQGTASKCPFLAAQMNQRGS SVFCKASLELQEDVQEMNAV RKEVAETSAGPSVSVKTDG<br>GDPSGLLKNFQDIMQQRPE RVSHLLQDNLKSVSTFYD RFEKKIDEKKNHTYRVFK TVNRRAHIFPMADDYSDSL |
| <b>Immunogen Sequence</b> |                                                                                                                                                                                                                                                                                                                                                                                  |



Immunofluorescence analysis of HeLa cells using ALAS1 antibody (STJ115423). Blue: DAPI for nuclear staining.