

## Anti-AHNAK antibody (1-149) (STJ11103983)

### GENERAL INFORMATION

|               |                    |
|---------------|--------------------|
| Product Type  | Primary antibodies |
| Applications  | IHC-P/IF/ICC/ELISA |
| Host / Source | Rabbit             |
| Reactivity    | Human/Mouse/Rat    |

### PRODUCT PROPERTIES

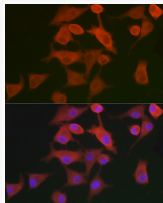
|                     |   |
|---------------------|---|
| Clonality           | Polyclonal  |
| Concentration       | Lot specific  |
| Conjugation         | Unconjugated  |
| Purification        | Affinity purification   |
| Dilution Range      | IHC-P:1:50-1:200<br>IF/CC:1:50-1:200<br>ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.  |
| Isotype             | IgG   |
| Molecular Weight    | Protein Mw: 629kDa<br>Observed Mw: Refer to Figures   |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.  |

### TARGET INFORMATION

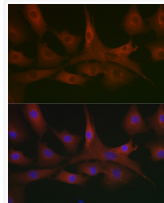
|                    |  |
|--------------------|--|
| Gene ID            | <a href="#">79026</a>  |
| Gene Symbol        | <a href="#">AHNAK</a>  |
| UniProt ID         | <a href="#">AHNK_HUMAN</a>   |
| Immunogen Region   | 1-149  |
| Immunogen Sequence | MEKEETTRELLLPNWQSGSGS HGLTIAQRDDGVFVQEVTON SPAARTGVVKEGDQIVGATI<br>YFDNLQSGEVTTQLLNTMGHH TVGLKLHRKGDERSPEPGQTW TREVFSSCSSEVVLSGDDEE<br>YQRIYTTKIKPRLKSEGDGVE GDLGETQSR |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-149 of human AHNAK (NP_001611.1).  |

### ADDITIONAL INFORMATION

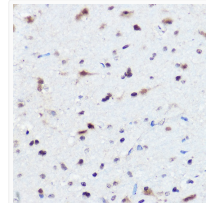
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



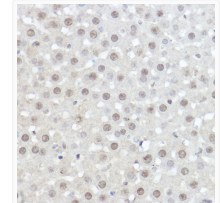
Immunofluorescence analysis of A-549 cells using AHNAK Rabbit polyclonal antibody (STJ11103983) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using AHNAK Rabbit polyclonal antibody (STJ11103983) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of AHNAK in paraffin-embedded Mouse brain using AHNAK Rabbit polyclonal antibody (STJ11103983) at dilution of 1:50 (40x lens). 1. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of AHNAK in paraffin-embedded Mouse liver using AHNAK Rabbit polyclonal antibody (STJ11103983) at dilution of 1:50 (40x lens). 1. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.