

## Anti-LRP6 antibody (Internal) (STJ70616)

### GENERAL INFORMATION

|               |                     |
|---------------|---------------------|
| Product Type  | Primary antibodies  |
| Applications  | Pep-ELISA/FC/IHC    |
| Host / Source | Goat                |
| Reactivity    | Human/Mouse/Rat/Dog |

### PRODUCT PROPERTIES

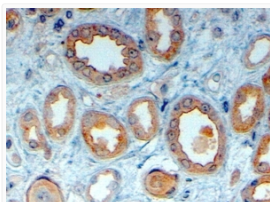
|                     |                                                                                                                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                                                                                                                |
| Concentration       | 0.5 mg/mL                                                                                                                                                                                                                                                 |
| Conjugation         | Unconjugated                                                                                                                                                                                                                                              |
| Purification        | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                                                                                                                     |
| Dilution Range      | Peptide ELISA: antibody detection limit dilution 1:64000.<br>IHC: In paraffin embedded Human Kidney shows luminal membrane staining in DCT. Recommended concentration: 4-6µg/ml.<br>FC: Flow cytometric analysis of K562 cells. Recommended concentration |
| Formulation         | 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA                                                                                                                                                                    |
| Isotype             | IgG                                                                                                                                                                                                                                                       |
| Storage Instruction | Store at -20°C on receipt and minimise freeze-thaw cycles.                                                                                                                                                                                                |

### TARGET INFORMATION

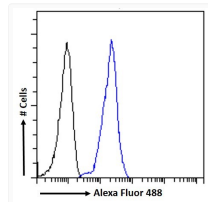
|                    |                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">4040</a>                                                                                   |
| Gene Symbol        | <a href="#">LRP6</a>                                                                                   |
| UniProt ID         | <a href="#">LRP6_HUMAN</a>                                                                             |
| Immunogen Region   | Internal                                                                                               |
| Immunogen Sequence | CMTSVATAKGYTSDL                                                                                        |
| Specificity        | This antibody is expected to recognise an epitope corresponding to aa 1546-1560 of human LRP6 protein. |

### ADDITIONAL INFORMATION

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



STJ70616 (4µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.



STJ70616 Flow cytometric analysis of paraformaldehyde fixed K562 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (1µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.