

## Rabbit anti-Human ITPRIPL1 Polyclonal Antibody | anti-ITPRIPL1 antibody

ITPRIPL1 Antibody (N-term)

|                               |                       |                            |                                            |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA283644</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|

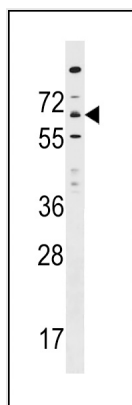
### PRODUCT SYNONYMS

ITPRIPL1; Polyclonal Antibody; ITPRIPL1 Antibody (N-term); Inositol 1; 5-trisphosphate receptor-interacting protein-like 1; KIAA1754L; anti-ITPRIPL1 antibody

### PRODUCT SPECIFICATIONS

|                                                    |                                                                                                                                                                            |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                                                                                                                     |
| Reactivity                                         | Human                                                                                                                                                                      |
| Clonality                                          | Polyclonal                                                                                                                                                                 |
| Isotype                                            | Rabbit IgG                                                                                                                                                                 |
| Specificity                                        | This ITPRIPL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 43-71 amino acids from the N-terminal region of human ITPRIPL1. |
| Purity/Purification                                | This antibody is purified through a protein A column, followed by peptide affinity purification.                                                                           |
| Form/Format                                        | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.                                                                                                |
| Sequence Positions                                 | 43-71                                                                                                                                                                      |
| Sequence Length                                    | 555                                                                                                                                                                        |
| Applicable Applications for anti-ITPRIPL1 antibody | ELISA, WB (Western Blot)                                                                                                                                                   |
| Cellular Localization                              | Membrane; Single-pass type 1 membrane protein                                                                                                                              |
| Preparation and Storage                            | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                      |

### IMAGES



#### WB (Western Blot)

ITPRIPL1 Antibody (N-term) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the ITPRIPL1 antibody detected the ITPRIPL1 protein (arrow).

ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ITPRIPL1 antibody | ITPRIPL1 (inositol 1,4,5-triphosphate receptor-interacting protein-like 1), also known as KIAA1754L, is a 555 amino acid protein belonging to the ITPRIP family. ITPRIPL1 is a single-pass type I membrane protein expressed as two isoforms produced by alternative splicing events. The gene that encodes ITPRIPL1 maps to human chromosome 2, the second largest human chromosome, consisting of 237 million bases encoding over 1,400 genes and making up approximately 8% of the human genome. A number of genetic diseases are linked to genes on chromosome 2. Harlequin ichthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alstr m syndrome is due to mutations in the ALMS1 gene. It has been hypothesized that human chromosome 2 is the result of an ancient fusion of two ancestral chromosome due to its composition of a vestigial second centromere and vestigial telomeres. |
| Product Categories/Family for anti-ITPRIPL1 antibody   | Cell Biology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| References                                             | Lim, J., et al. Cell 125(4):801-814(2006)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                            |
|----------------------------------|----------------------------------------------------------------------------|
| NCBI GI #                        | 57164960                                                                   |
| NCBI GeneID                      | 150771                                                                     |
| NCBI Accession #                 | NP_001008949.1; NP_848590.3                                                |
| NCBI GenBank Nucleotide #        | NM_001008949.2                                                             |
| UniProt Accession #              | Q6GPH6; Q8NE61; F5H1L8                                                     |
| Molecular Weight                 | 63395                                                                      |
| NCBI Official Full Name          | inositol 1,4,5-trisphosphate receptor-interacting protein-like 1 isoform 2 |
| NCBI Official Synonym Full Names | inositol 1,4,5-trisphosphate receptor interacting protein-like 1           |
| NCBI Official Symbol             | ITPRIPL1                                                                   |
| NCBI Official Synonym Symbols    | KIAA1754L                                                                  |
| NCBI Protein Information         | inositol 1,4,5-trisphosphate receptor-interacting protein-like 1           |
| UniProt Protein Name             | Inositol 1,4,5-trisphosphate receptor-interacting protein-like 1           |
| UniProt Gene Name                | ITPRIPL1                                                                   |
| UniProt Synonym Gene Names       | KIAA1754L                                                                  |
| UniProt Entry Name               | IPIL1_HUMAN                                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.