Human LRIG3 ELISA Kit

Catalog No: #EK5706

Description



Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

| Product Name | Human LRIG3 ELISA Kit |
|---------------------|---|
| Specificity | Human |
| Crossing Reactivity | There is no detectable cross-reactivity with other relevant proteins. |
| Immunogen Type | NSO,D28-T807 |
| Other Names | Leucine-rich repeats and immunoglobulin-like domains protein 3; LIG-3; LRIG3; LIG3; |
| | UNQ287,PRO326,PRO335; |
| Accession No. | Q6UXM1 |
| Uniprot | Q6UXM1 |
| GeneID | 121227; |
| Cell Localization | Cell membrane; Detected in cytoplasmic vesicles whencoexpressed with ERBB4 |

Application Details

sensitivity:12pg mlDetect Range:62.5pg ml-4000pg mlsample_type:cell culture supernates serum and

plasma(heparin).capture_antibody:detection_antibody:gene_name:LRIG3protein_name:Leucine-rich repeats and immunoglobulin-like domains protein

3gene_full_name:Leucine-rich repeats and immunoglobulin-like domains protein 3tissue_specificity: Widely

expressed..sequence_similarities:tmb_incubation:15-20minresearch_category:neuroscience|sensory system|auditory system|stem cells|embryonic stem cells|surface molecules|cancer|tumor biomarkers|tumor antigens|developmental biology|embryogenesis|intracellular

Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human LRIG3

Background

protein_function: May play a role in craniofacial and inner earmorphogenesis during embryonic development. May act within theotic vesicle epithelium to control formation of the lateralsemicircular canal in the inner ear, possibly by restricting theexpression of NTN1 (By similarity)..LRIG3 is a 1,119-amino acid protein that contains a signal peptide. This gene is mapped to chromosome 12q13.2. Northern blot analysis detected a 5.1-kb LRIG3 transcript in all tissues analyzed. Quantitative RT-PCR detected highest expression in stomach and lowest expression in blood. And quantitative RT-PCR of mouse tissues revealed ubiquitous expression, but the pattern of expression differed from that in human tissues. LRIG3 may play a role in craniofacial and inner ear morphogenesis during embryonic development. In addition, it may act within the otic vesicle epithelium to control formation of the lateral semicircular canal in the inner ear, possibly by restricting the expression of NTN1.

Note: This product is for in vitro research use only