

LRIG1 Rabbit pAb

Catalog # AP98393

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96JA1
Other Accession	Q96JA1
Reactivity	Rat
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	119113
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LRIG1
Epitope Specificity	1001-1093/1093
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 3 Ig-like C2-type (immunoglobulin-like) domains.Contains 15 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 LRRNT domain.
SUBUNIT	Interacts with EGFR/ERBB1, ERBB2, ERBB3 and ERBB4.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	LRIG1 protein is coded by a gene on a chromosome band 3p14.3, a region known to be deleted in various human cancers. It is considered to be a tumour suppressor gene. LRIG1 is an integral cell-surface membrane protein that is expressed by specific cells in various human tissues. Its 143kDa form may be cleaved into 111kDa and 32kDa fragments. The protein may inhibit the growth of tumors of glial cells and the down-regulation of the LRIG1 gene may be involved in the development and progression of the tumor.

Additional Information

Gene ID	26018
Other Names	LIG-1; LIG1; D6Bwg0781e; Img; LRIG1_HUMAN; LRIG1; LRIG1_MOUSE; leucine rich repeats and immunoglobulin like domains 1; ortholog of mouse integral membrane glycoprotein LIG-1; leucine-rich repeat protein LRIG1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	LRIG1 {ECO:0000303 PubMed:15282549}
Synonyms	LIG1
Function	Acts as a feedback negative regulator of signaling by receptor tyrosine kinases, through a mechanism that involves enhancement of receptor ubiquitination and accelerated intracellular degradation.
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Widely expressed..

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.