10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TRIM62 Rabbit pAb

Catalog # AP99936

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9BVG3
Other Accession	Q9BVG3
Reactivity	Mouse
Predicted	Rat, Human, Rabbit, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54268
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TRIM62
Epitope Specificity	101-200/475
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the TRIM/RBCC family. Contains 1 B box-type zinc finger. Contains 1 B30.2/SPRY domain. Contains 1 RING-type zinc finger.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The tripartite motif (TRIM) family of proteins are characterized by a conserved TRIM domain that includes a coiled-coil region, a B-box type zinc finger, one RING finger and three zinc-binding domains. TRIM58 (tripartite motif containing 58), also known as BIA2, is a 486 amino acid protein that belongs to the TRIM/RBCC family and contains one B box-type zinc finger, a RING-type zinc finger and a single B30.2/SPRY domain. The gene encoding TRIM58 maps to human chromosome 1, which spans 260 million base pairs, contains over 3,000 genes, comprises nearly 8% of the human genome and houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome.

Additional Information

Gene ID	55223
Other Names	DEAR1; 6330414G21Rik; TRI62_HUMAN; TRIM62; Tripartite motif-containing protein 62; 2.3.2.27; TRI62_MOUSE; tripartite motif containing 62; tripartite motif-containing 62; ductal epithelium-associated RING Chromosome 1
Dilution	WB=1:500-2000,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	TRIM62 {ECO:0000303|PubMed:23402750, ECO:0000312|HGNC:HGNC:25574}
Function	E3 ubiquitin ligase that plays a role in antifungal immunity by mediating 'Lys-27'-linked ubiquitination of CARD9 downstream of C- type lectin receptors; leading to CARD9 activation, followed by activation of NF-kappa-B and MAP kinase p38 pathways (PubMed:26488816). E3 ubiquitin ligase activity is dependent on E2 ubiquitin-conjugating enzyme UBE2D2 (PubMed:23402750).
Cellular Location	Cytoplasm

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