

KIAA1467 Rabbit pAb

Catalog # AP96305

Product Information

Application	WB
Primary Accession	A2RU67
Other Accession	A2RU67
Reactivity	Human
Predicted	Rat, Mouse, Rabbit, Chicken, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67039
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KIAA1467
Epitope Specificity	531-622/622
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Single pass membrane protein
SIMILARITY	Belongs to the ITFG3 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	KIAA1467 is a 622 amino acid single-pass membrane protein that belongs to the ITFG3 family. KIAA1467 is post-translationally phosphorylated at multiple serine residues and tyrosine 22. The gene encoding KIAA1467 maps to human chromosome 12, which encodes over 1,100 genes and comprises about 4.5% of the human genome. A number of skeletal deformities are linked to chromosome 12, including hypochondrogenesis, achondrogenesis and Kniest dysplasia. Noonan syndrome, which includes heart and facial developmental defects among the primary symptoms, is caused by a mutant form of PTPN11 gene product, SH-PTP2. Chromosome 12 is also home to a homeobox gene cluster, which encodes crucial transcription factors for morphogenesis, and the natural killer complex gene cluster, encoding C-type lectin proteins which mediate the NK cell response to MHC I interaction. Trisomy 12p leads to facial development defects, seizure disorders and a host of other symptoms which vary in severity depending on the extent of mosaicism. It is most severe in cases of complete trisomy.

Additional Information

Gene ID	57613
Other Names	KIAA1467; F234B_HUMAN; FAM234B; family with sequence similarity 234 member B; family with sequence similarity 234, member B
Dilution	WB=1:500-2000

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.
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Protein Information

Name	FAM234B (HGNC:29288)
Synonyms	KIAA1467
Cellular Location	Membrane; Single-pass membrane protein. Golgi outpost {ECO:0000250 UniProtKB:D3ZWJ9} Cytoplasm, cytoskeleton, microtubule organizing center {ECO:0000250 UniProtKB:D3ZWJ9}. Note=Localizes to the postsynaptic Golgi apparatus region, also named Golgi outpost, which shapes dendrite morphology by functioning as sites of acentrosomal microtubule nucleation. {ECO:0000250 UniProtKB:D3ZWJ9}

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