

KIAA1024 Rabbit pAb

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Catalog # AP56498

Product Information

Application	WB
Primary Accession	Q9UPX6
Reactivity	Human
Predicted	Rat, Dog, Mouse, Rabbit, Chicken, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	102993
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KIAA1024
Epitope Specificity	721-820/916
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
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Encoding more than 700 genes, chromosome 15 is made up of approximately 106 million base pairs and is about 3% of the human genome. Angelman and Prader-Willi syndromes are associated with loss of function or deletion of genes in the 15q11-q13 region. In the case of Angelman syndrome, this loss is due to inactivity of the maternal 15q11-q13 encoded UBE3A gene in the brain by either chromosomal deletion or mutation. In cases of Prader-Willi syndrome, there is a partial or complete deletion of this region from the paternal copy of chromosome 15. Tay-Sachs disease is a lethal disorder associated with mutations of the HEXA gene, which is encoded by chromosome 15. Marfan syndrome is associated with chromosome 15 through the FBN1 gene. The KIAA1024 gene product has been provisionally designated KIAA1024 pending further characterization.

Additional Information

Gene ID	23251
Other Names	Major intrinsically disordered Notch2-binding receptor 1, Membrane integral NOTCH2-associated receptor 1, Ubiquitination and mTOR signaling protein, MINAR1 {ECO:0000303 PubMed:29329397}
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.

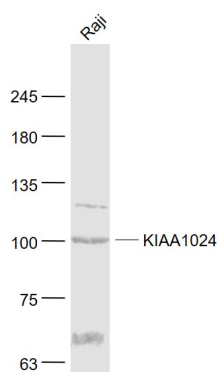
Protein Information

Name	MINAR1 {ECO:0000303 PubMed:29329397}
Function	Intrinsically disordered protein which may negatively regulate mTOR signaling pathway by stabilizing the mTOR complex component DEPTOR (PubMed: 30080879). Negatively regulates angiogenesis (PubMed: 29329397). Negatively regulates cell growth (PubMed: 29329397 , PubMed: 30080879). Negatively regulates neurite outgrowth in hippocampal neurons (By similarity).
Cellular Location	Cell membrane; Single-pass type IV membrane protein
Tissue Location	Widely expressed, including in breast epithelial cells and endothelial cells (at protein level). Expression is down- regulated in advanced breast tumors (at protein level)

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Images



Sample:
Raji(Human) Cell Lysate at 30 ug
Primary: Anti- KIAA1024 (AP56498) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 103 kD
Observed band size: 100 kD

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