

Josephin-1 Rabbit pAb

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Catalog # AP56606

Product Information

Application	WB
Primary Accession	Q15040
Reactivity	Human
Predicted	Rat, Pig, Cat, Dog, Mouse, Chicken, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23198
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human JOSD1
Epitope Specificity	1-100/202
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Josephin-1 is a 202 amino acid protein that contains one josephin domain and is encoded by a gene that maps to human chromosome 22. Chromosome 22 houses over 500 genes and is the second smallest human chromosome. Mutations in several of the genes that map to chromosome 22 are involved in the development of Phelan-McDermid syndrome, Neurofibromatosis type 2, autism and schizophrenia. Additionally, translocations between chromosomes 9 and 22 may lead to the formation of the Philadelphia Chromosome and the subsequent production of the novel fusion protein BCR-Abl, a potent cell proliferation activator found in several types of leukemias.

Additional Information

Gene ID	9929
Other Names	Josephin-1, 3.4.19.12, Josephin domain-containing protein 1, JOSD1, JSPH1, KIAA0063
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.

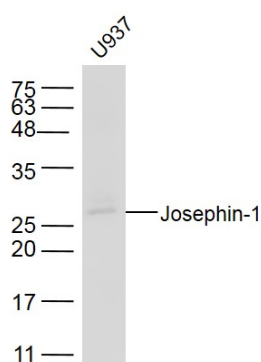
Protein Information

Name	JOSD1
Synonyms	JSPH1, KIAA0063
Function	Deubiquitinates monoubiquitinated probes (in vitro). When ubiquitinated, cleaves 'Lys-63'-linked and 'Lys-48'-linked poly- ubiquitin chains (in vitro), hence may act as a deubiquitinating enzyme. May increase macropinocytosis and suppress clathrin- and caveolae-mediated endocytosis. May enhance membrane dynamics and cell motility independently of its catalytic activity.
Cellular Location	Cell membrane. Cytoplasm. Note=Ubiquitination increases localization the plasma membrane. In the cytosol, the unubiquitinated form may be associated with the cytoskeleton via ACTB-binding

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Images



Sample:
U937(Human) Cell Lysate at 40 ug
Primary: Anti-Josephin-1 (AP56606) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 27 kD
Observed band size: 27 kD

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