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DNAJC12 Rabbit pAb

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Catalog # AP55546

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9UKB3
Predicted	Rat, Pig, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23415
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DNAJC12
Epitope Specificity	51-150/198
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	This gene encodes a member of a subclass of the HSP40/DnaJ protein family. Members of this family of proteins are associated with complex assembly, protein folding, and export. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	56521
Other Names	DnaJ homolog subfamily C member 12, J domain-containing protein 1, DNAJC12, JDP1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	DNAJC12
Synonyms	JDP1

Function	Probable co-chaperone that participates in the proper folding of biopterin-dependent aromatic amino acid hydroxylases, which include phenylalanine-4-hydroxylase (PAH), tyrosine 3-monooxygenase (TH) and peripheral and neuronal tryptophan hydroxylases (TPH1 and TPH2).
Cellular Location	[Isoform a]: Cytoplasm
Tissue Location	Expressed at high levels in brain, heart, and testis, and at reduced levels in kidney and stomach

Background

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