

DNAJC12 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55546

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9UKB3
Reactivity	Rat, Pig, Bovine
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.
SIMILARITY	Contains 1 J domain.
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
Target/Specificity	Expressed at high levels in brain, heart, and testis, and at reduced levels in kidney and stomach.
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
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 bipterin-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

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