

PMPCB Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58568

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	O75439
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54366

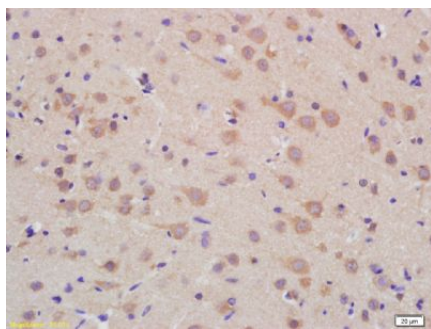
Additional Information

Gene ID	9512
Other Names	Mitochondrial-processing peptidase subunit beta, 3.4.24.64, Beta-MPP, P-52, PMPCB, MPPB
Dilution	IHC-P=1:100-500,IHC-F=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	PMPCB
Synonyms	MPPB
Function	Catalytic subunit of the essential mitochondrial processing protease (MPP), which cleaves the mitochondrial sequence off newly imported precursors proteins (Probable) (PubMed: 29576218). Preferentially, cleaves after an arginine at position P2 (By similarity). Required for PINK1 turnover by coupling PINK1 mitochondrial import and cleavage, which results in subsequent PINK1 proteolysis (PubMed: 22354088).
Cellular Location	Mitochondrion matrix

Images



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-PMPCB Polyclonal Antibody, Unconjugated(AP58568) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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