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QIL1/C19orf70 Rabbit pAb

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Catalog # AP57878

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q5XKP0
Reactivity	Mouse
Predicted	Pig, Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	13087
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human QIL1/C19orf70
Epitope Specificity	51-118/118
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	125988
Other Names	MICOS complex subunit MIC13, Protein P117 {ECO:0000303|Ref.1}, MICOS13 (HGNC:33702)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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

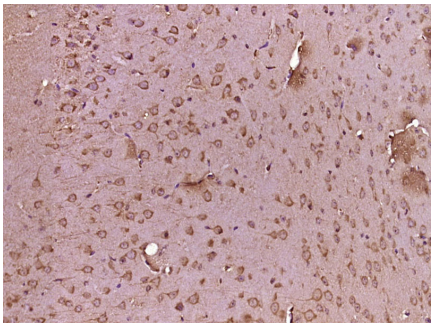
Name	MICOS13 (HGNC:33702)
Function	Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane (PubMed:25997101, PubMed:27623147, PubMed:32567732). Constituent of mature MICOS complex, it is required for the formation of cristae junction (CJ) and maintenance of cristae morphology (PubMed:25997101, PubMed:27623147, PubMed:32567732). Required for the

	incorporation of MICOS10/MIC10 into the MICOS complex (PubMed:25997101, PubMed:27623147).
Cellular Location	Mitochondrion inner membrane; Single-pass membrane protein. Note=Enriched at crista junctions

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (QIL1/C19orf70) Polyclonal Antibody, Unconjugated (AP57878) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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