

PYDC2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57876

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q56P42
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	10795

Additional Information

Gene ID	152138
Other Names	Pyrin domain-containing protein 2, Pyrin-only protein 2, cellular POP2, cPOP2, PYDC2 (HGNC:33512)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=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	PYDC2 (HGNC:33512)
Function	May play a role in innate immunity by disrupting the interaction between PYCARD and NLRP3, thereby regulating the NLRP3 inflammasome (PubMed: 17178784 , PubMed: 17339483). May also inhibit NF- kappa-B signaling distally by affecting the nuclear accumulation of RELA (PubMed: 17339483 , PubMed: 24871464).
Cellular Location	Cytoplasm. Nucleus. Note=Recruited to specks formed by PYCARD within the cytoplasm.
Tissue Location	Predominantly expressed in peripheral blood. Weakly expressed in testis.

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