

IER3IP1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56959

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9Y5U9
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	8969

Additional Information

Gene ID	51124
Other Names	Immediate early response 3-interacting protein 1, IER3IP1 {ECO:0000303 PubMed:15276200, ECO:0000312 HGNC:HGNC:18550}
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	IER3IP1 {ECO:0000303 PubMed:15276200, ECO:0000312 HGNC:HGNC:18550}
Function	Regulator of endoplasmic reticulum secretion that acts as a key determinant of brain size (PubMed: 33122427). Required for secretion of extracellular matrix proteins (PubMed: 33122427). Required for correct brain development by depositing sufficient extracellular matrix proteins for tissue integrity and the proliferation of neural progenitors (PubMed: 33122427). Acts as a regulator of the unfolded protein response (UPR) (By similarity).
Cellular Location	Endoplasmic reticulum membrane; Multi-pass membrane protein
Tissue Location	Highest levels in heart, skeletal muscle, and kidney.

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