Formin 2 rabbit pAb

Cat#: orb769730 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	Formin 2 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human FMN2. AA range:1541-1590
Specificity	Formin 2 Polyclonal Antibody detects endogenous levels of Formin 2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Formin-2
Gene Name	FMN2
Cellular localization	Cytoplasm, cytoskeleton . Cytoplasm, cytosol . Cytoplasm, perinuclear region . Nucleus . Nucleus, nucleolus . Cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasmic vesicle membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasm, cell cortex . Colocalizes with the actin cytoskeleton (PubMed:20082305). Recruited to the membranes via its interaction with SPIRE1 (By similarity). Detected at the cleavage furrow during asymmetric oocyte division and polar body extrusion (By similarity). Accumulates in the nucleus following DNA damage (PubMed:26287480). .

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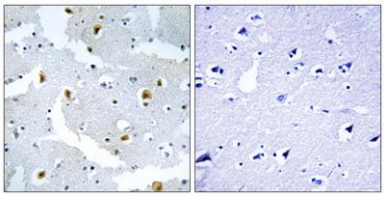
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	56776
Human Swiss-Prot Number	Q9NZ56
Alternative Names	FMN2; Formin-2
Background	This gene is a member of the formin homology protein family. The encoded protein is thought to have essential roles in organization of the actin cytoskeleton and in cell polarity. Mutations in this gene have been associated with mental retardation autosomal recessive 47 (MRT47). Alternatively spliced transcript variants have been identified. [provided by RefSeq, Mar 2015],



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using FMN2 Antibody. The picture on the right is blocked with the synthesized peptide.

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