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XTP4 Rabbit pAb

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Catalog # AP59319

Product Information

Primary Accession	Q9BRT3
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12403
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human XTP4
Epitope Specificity	33-130/616
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cellular localizationCytoplasm; cytosol. Cell membrane. Concentrates at the leading edge of migrating cells. Localizes outside membrane raft regions.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Increases cell migration by inducing filopodia formation at the leading edge of migrating cells. Plays a role in regulation of apoptosis, possibly through control of CASP3. May be involved in a redox-related process.

Additional Information

Gene ID	84299
Other Names	Migration and invasion enhancer 1, HBV X-transactivated gene 4 protein, HBV XAg-transactivated protein 4, Protein C35, MIEN1, C17orf37, RDX12, XTP4
Dilution	Flow-Cyt=2ug/Test
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

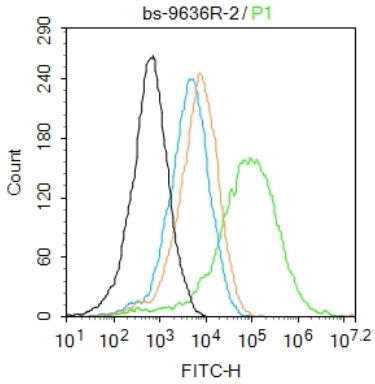
Name	MIEN1
Synonyms	C17orf37, RDX12, XTP4

Function	Increases cell migration by inducing filopodia formation at the leading edge of migrating cells. Plays a role in regulation of apoptosis, possibly through control of CASP3. May be involved in a redox-related process.
Cellular Location	Cytoplasm, cytosol. Cell membrane; Lipid-anchor; Cytoplasmic side. Note=Concentrates at the leading edge of migrating cells. Localizes outside membrane raft regions
Tissue Location	Among normal tissues, present only in Leydig cells. Strongly up-regulated in breast cancers and in brain cancer distant metastasis (at protein level). Up-regulated in prostate cancer cells and in the higher grades of prostate adenocarcinoma (at protein level)

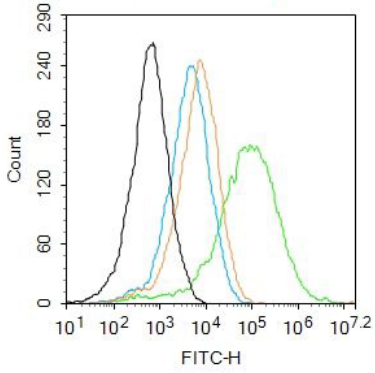
Background

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Images



Blank control:Mouse kidney.
Primary Antibody (green line): Rabbit Anti-XTP4 antibody (AP59319)
Dilution: 2 μg /10^6 cells;
Isotype Control Antibody (orange line): Rabbit IgG .
Secondary Antibody : Goat anti-rabbit IgG-AF488
Dilution: 1 μg /test.
Protocol
The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



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