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NGFRAP1 Rabbit pAb

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Catalog # AP58707

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q00994
Reactivity	Rat
Predicted	Pig, Dog, Human, Mouse, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12959
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NADE/NGFRAP1
Epitope Specificity	34-111/111
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	Nucleus. Cytoplasm. Note=Shuttles betweenthe cytoplasm and the nucleus. Associates with replicatingmitochondria (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	May be a signaling adapter molecule involved in p75NTR-mediated apoptosis induced by NGF. Plays a role in zinc-triggered neuronal death (By similarity). May play an important role in the pathogenesis of neurogenetic diseases. Tissue specificity: Found in ovarian granulosa cells, testis, prostate and seminal vesicle tissue. High levels also detected in liver.

Additional Information

Gene ID	27018
Other Names	Protein BEX3, Brain-expressed X-linked protein 3 {ECO:0000312|HGNC:HGNC:13388}, Nerve growth factor receptor-associated protein 1, Ovarian granulosa cell 13.0 kDa protein HGR74, p75NTR-associated cell death executor, BEX3 (HGNC:13388), DXS6984E, NADE, NGFRAP1
Dilution	IHC-P=1:100-500,IHC-F=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	BEX3 (HGNC:13388)
Synonyms	DXS6984E, NADE, NGFRAP1
Function	May be a signaling adapter molecule involved in NGFR/p75NTR- mediated apoptosis induced by NGF. Plays a role in zinc-triggered neuronal death. In absence of reductive stress, acts as a pseudosubstrate for the CRL2(FEM1B) complex: associates with FEM1B via zinc, thereby preventing association between FEM1B and its substrates.
Cellular Location	Nucleus {ECO:0000250|UniProtKB:Q9WTZ9}. Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q9WTZ9}. Note=Shuttles between the cytoplasm and the nucleus. Associates with replicating mitochondria. {ECO:0000250|UniProtKB:Q9WTZ9}
Tissue Location	Found in ovarian granulosa cells, testis, prostate and seminal vesicle tissue. High levels also detected in liver

Background

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