

NGFRAP1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58707**Specification****NGFRAP1 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q00994
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	13 KDa
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 between the cytoplasm and the nucleus. Associates with replicating mitochondria (By similarity).
SIMILARITY	Belongs to the BEX family.
SUBUNIT	Self-associates. Interacts with 14-3-3 epsilon (YWHAE). Interacts with DIABLO/SMAC (By similarity). Binds to the DEATH domain of p75NTR/NGFR.
Post-translational modifications	Ubiquitinated. Degraded by the proteasome (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.

NGFRAP1 Polyclonal Antibody - 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 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=13388)
HGNC:13388), DXS6984E, NADE, NGFRAP1

Target/Specificity

Found in ovarian granulosa cells, testis, prostate and seminal vesicle tissue. High levels also detected in liver.

Dilution

IHC-P ~ N/A
IHC-F ~ N/A
IF ~ 1:50 ~ 200
E ~ N/A

Format

0.01M TBS (pH 7.4), 0.09% (W/V) sodium azide and 50% Glycerol

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.

NGFRAP1 Polyclonal Antibody - 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

NGFRAP1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NGFRAP1 Polyclonal Antibody - Images