

NGFRAP1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) **Catalog # AP58707**

Specification

NGFRAP1 Polyclonal Antibody - Product Information

IHC-P, IHC-F, IF, E Application

Primary Accession 000994

Reactivity Rat, Pig, Dog, Bovine

Host **Rabbit** Clonality **Polyclonal** Calculated MW **13 KDa Physical State** Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human NADE/NGFRAP1

34-111/111 **Epitope Specificity**

Isotype **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 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

DEATHdomain of p75NTR/NGFR. Ubiquitinated. Degraded by the

Post-translational modifications

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 (HGNC:13388), DXS6984E, NADE, NGFRAP1

Target/Specificity

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

Dilution

IHC-P~~N/A<br \> <span class
="dilution_IHC-F">IHC-F~~N/A<br \> <span class
="dilution_IF">IF~~1:50~200<br \> E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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}

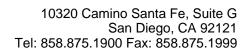
Tissue Location

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 Cytomety
- Cell Culture





NGFRAP1 Polyclonal Antibody - Images