

**NGFRAP1 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP18054A****Specification**

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**NGFRAP1 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q00994</a>
Other Accession	<a href="#">NP_996800.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	12959
Antigen Region	14-42

**NGFRAP1 Antibody (N-term) - Additional Information****Gene ID** 27018**Other Names**

Protein BEX3, Brain-expressed X-linked protein 3, Nerve growth factor receptor-associated protein 1, Ovarian granulosa cell 130 kDa protein HGR74, p75NTR-associated cell death executor, NGFRAP1, BEX3, DXS6984E, NADE

**Target/Specificity**

This NGFRAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 14-42 amino acids from the N-terminal region of human NGFRAP1.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

NGFRAP1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**NGFRAP1 Antibody (N-term) - 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**

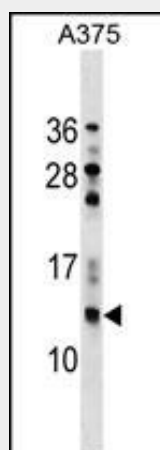
Found in ovarian granulosa cells, testis, prostate and seminal vesicle tissue. High levels also detected in liver

**NGFRAP1 Antibody (N-term) - 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 Antibody (N-term) - Images**



NGFRAP1 Antibody (N-term) (Cat. #AP18054a) western blot analysis in A375 cell line lysates (35ug/lane). This demonstrates the NGFRAP1 antibody detected the NGFRAP1 protein (arrow).

**NGFRAP1 Antibody (N-term) - Background**

NGFRAP1 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.

**NGFRAP1 Antibody (N-term) - References**

Yasui, S., et al. Mol. Cell. Neurosci. 35(1):100-108(2007)  
Lamesch, P., et al. Genomics 89(3):307-315(2007)  
Yu, Y., et al. Brain Res. 1100(1):13-20(2006)  
Alvarez, E., et al. Gene 357(1):18-28(2005)  
Ross, M.T., et al. Nature 434(7031):325-337(2005)