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NGFRAP1 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP18054a

Specification

NGFRAP1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q00994

NGFRAP1 Antibody (N-term) Blocking Peptide - 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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NGFRAP1 Antibody (N-term) Blocking Peptide - 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

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NGFRAP1 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

NGFRAP1 Antibody (N-term) Blocking Peptide - Images

NGFRAP1 Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - 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)