

BEX4 Rabbit pAb

BEX4 Rabbit pAb
Catalog # AP58819

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9NWD9
Reactivity	Rat, Mouse
Predicted	Pig, Dog, Human, Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14067
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human BEX4
Epitope Specificity	51-120/120
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 (By similarity). Cytoplasm (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	This gene is a member of the brain expressed X-linked gene family. The proteins encoded by some of the other members of this family act as transcription elongation factors which allow RNA polymerase II to escape pausing during elongation. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Aug 2011]. [SUBCELLULAR LOCATION] [PTM] [SIMILARITY]

Additional Information

Gene ID	56271
Other Names	Protein BEX4, BEX1-like protein 1 {ECO:0000312 HGNC:HGNC:25475}, Brain-expressed X-linked protein 4 {ECO:0000303 PubMed:15958283, ECO:0000312 HGNC:HGNC:25475}, Nerve growth factor receptor-associated protein 3, BEX4 {ECO:0000303 PubMed:15958283, ECO:0000312 HGNC:HGNC:25475}
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

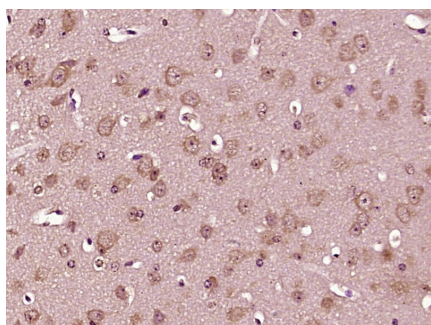
Protein Information

Name	BEX4 {ECO:0000303 PubMed:15958283, ECO:0000312 HGNC:HGNC:25475}
Function	May play a role in microtubule deacetylation by negatively regulating the SIRT2 deacetylase activity toward alpha-tubulin and thereby participate in the control of cell cycle progression and genomic stability (PubMed: 27512957). 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 (By similarity).
Cellular Location	Cytoplasm, cytoskeleton, spindle pole. Nucleus Cytoplasm. Note=Also localizes to microtubules.
Tissue Location	Very high expression in heart, skeletal muscle, liver, and kidney. The levels of expression are uniform throughout the brain.

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (BEX4) Polyclonal Antibody, Unconjugated (AP58819) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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