

Rabbit BEX1 Polyclonal Antibody | anti-BEX1 antibody

BEX1 Antibody (Center)

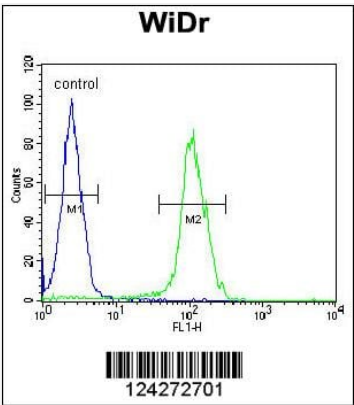
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290326	Rabbit	Human (Predicted Reactivity: Monkey)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

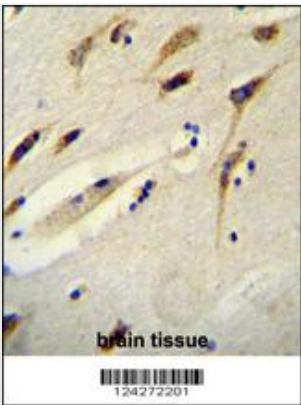
BEX1; Polyclonal Antibody; BEX1 Antibody (Center); Protein BEX1; Brain-expressed X-linked protein 1; anti-BEX1 antibody

PRODUCT SPECIFICATIONS

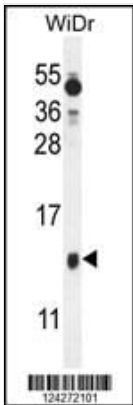
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BEX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 63-90 amino acids from the Central region of human BEX1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	63-90
Sequence Length	125
Applicable Applications for anti-BEX1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
BEX1 Antibody (Center) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
BEX1 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the BEX1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
BEX1 Antibody (Center) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the BEX1 antibody detected the BEX1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-BEX1 antibody	Signaling adapter molecule involved in p75NTR/NGFR signaling. Plays a role in cell cycle progression and neuronal differentiation. Inhibits neuronal differentiation in response to nerve growth factor (NGF). May act as a link between the cell cycle and neurotrophic factor signaling, possibly by functioning as an upstream modulator of receptor signaling, coordinating biological responses to external signals with internal cellular states (By similarity).
Product Categories/Family for anti-BEX1 antibody	Cancer; Neuroscience; Signal transduction
References	Ding, K., et al. Carcinogenesis 30(1):35-42(2009) Foltz, G., et al. Cancer Res. 66(13):6665-6674(2006) Alvarez, E., et al. Gene 357(1):18-28(2005) Quentmeier, H., et al. Leukemia 19(8):1488-1489(2005) Ross, M.T., et al. Nature 434(7031):325-337(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	68533249
NCBI GeneID	55859
NCBI Accession #	NP_060946.3

NCBI GenBank Nucleotide #	NM_018476.3
UniProt Accession #	Q9HBH7 ; Q9NZ33 ; A0AVN1 ; A8K4J3
Molecular Weight	14860
NCBI Official Full Name	protein BEX1
NCBI Official Synonym Full Names	brain expressed, X-linked 1
NCBI Official Symbol	BEX1
NCBI Official Synonym Symbols	BEX2; HBEX2; HGR74-h
NCBI Protein Information	protein BEX1
UniProt Protein Name	Protein BEX1
UniProt Gene Name	BEX1
UniProt Entry Name	BEX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/bex1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/290326>