

Datasheet for ABIN5533785
anti-BEX1 antibody (AA 63-90)

3 Images

[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	BEX1
Binding Specificity:	AA 63-90
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BEX1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	BEX1
Alternative Name:	BEX1 (BEX1 Products)
Background:	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

Target Details

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).

Molecular Weight: 15 kDa

Gene ID: 55859

UniProt: [Q9HBH7](#)

Pathways: [Neurotrophin Signaling Pathway](#)

Application Details

Application Notes: For WB starting dilution is: 1:1000

For IHC-P starting dilution is: 1:50~100

For FACS starting dilution is: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.48 mg/mL

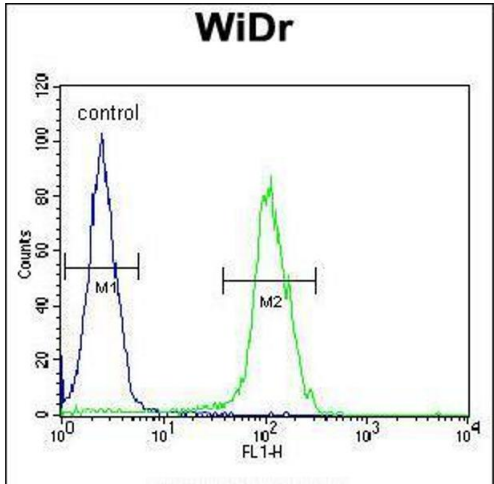
Buffer: Supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

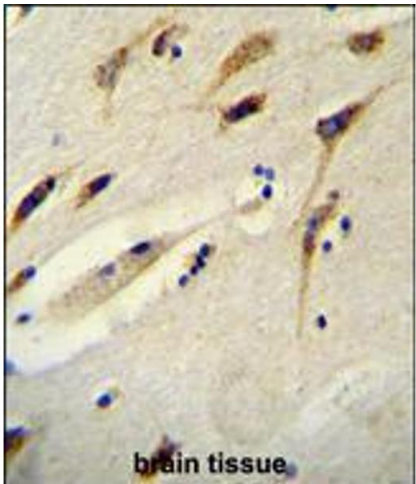
Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



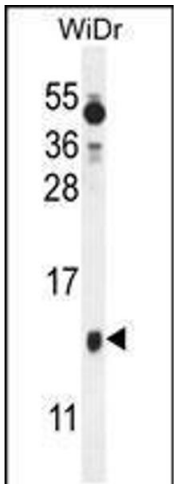
Flow Cytometry

Image 1. 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.



Immunohistochemistry

Image 2. BEX1 Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.



Western Blotting

Image 3. Western blot analysis in WiDr cell line lysates (35ug/lane).