

Datasheet for ABIN185737
anti-FEZ1 antibody (Internal Region)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	FEZ1
Binding Specificity:	Internal Region
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FEZ1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	FEZ1 / Zygin 1
Immunogen:	Peptide with sequence C-QNKQKEQRELMKK, from the internal region of the protein sequence according to NP_005094.1.
Sequence:	QNKQKEQREL MKK
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform 1 (NP_005094.1) only.
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

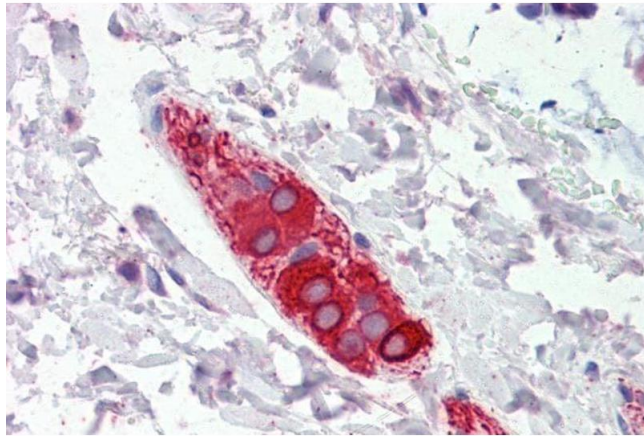
Target:	FEZ1
Alternative Name:	FEZ1 (FEZ1 Products)
Background:	FEZ1, zygin 1, fasciculation and elongation protein zeta 1 (zygin I)
Gene ID:	9638, 235180, 81730
NCBI Accession:	NP_005094

Application Details

Application Notes:	<p>Immunohistochemistry: Paraffin embedded Human Brain (Cerebellum). Recommended concentration: 5-8 µg/mL.</p> <p>Western Blot: Approx 75 kDa band observed in lysates of cell line Kelly, and in Rat Brain lysates (calculated MW of 45.1 kDa according to human NP_005094.1 and 45.2 kDa according to Rat NP_112328.1). This molecular weight is routinely observed by other sources.</p> <p>Peptide ELISA: antibody detection limit dilution 1:64000.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



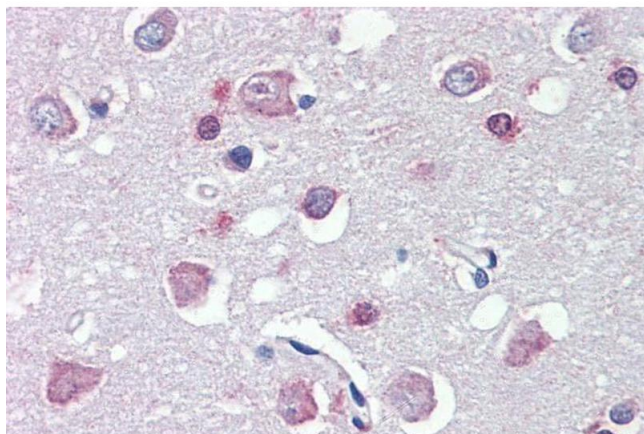
Immunohistochemistry

Image 1. ABIN185737 (5µg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN185737 (0.03µg/ml) staining of Human Brain (Frontal Cortex) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry

Image 3. ABIN185737 (5µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.