

[Go to Product page](#)

Datasheet for ABIN1404288 **anti-FEZ1 antibody (Alexa Fluor 647)**

Overview

Quantity:	100 µL
Target:	FEZ1
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FEZ1 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FEZ1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	FEZ1
Alternative Name:	FEZ1 (FEZ1 Products)
Background:	<p>Synonyms: Fasciculation and elongation protein zeta 1, Fasciculation and elongation protein zeta-1, Fez 1, Fez, Fez-like zinc finger protein, FEZ1, FEZ1_HUMAN, Fezl, Forebrain embryonic zinc-finger like protein, Zpf312, Zygin 1, Zygin I, Zygin-1, Zygin1, Zyginl.</p> <p>Background: Frequent loss of heterozygosity (LOH) at human chromosome 8p22-p21 is</p>

Target Details

associated with various tumors including prostate and breast cancer. The 8p22-p21 region contains the FEZ1 gene, which is altered in tumors of the esophagus, prostate and breast. The FEZ1 protein (also known as leucine zipper putative tumor suppressor or LZTS1) contains a DNA-binding leucine zipper motif. FEZ1 is expressed in normal breast and prostate, but alterations in FEZ1 expression result in abnormal cell growth. The absence of FEZ1 expression is characteristic of breast and prostate cancer cell lines as well as primary breast and prostate tumors. This absence of FEZ1 may be due to several factors, including mutations in the FEZ1 gene or hypermethylation of the CpG island flanking the FEZ1 promoter region. FEZ1 acts as a negative regulator of cell growth. During cell-cycle progression, FEZ1 localizes to microtubule components and is hyperphosphorylated by cAMP-dependent kinase.

Gene ID: 9638

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months