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Datasheet for ABIN1422160 anti-FEZ1 antibody (HRP)



Overview	
Quantity:	100 µL
Target:	FEZ1
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FEZ1 antibody is conjugated to HRP
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	KLH conjugated synthetic peptide derived from human FEZ1

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:	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, Zygin1.
	Background: Frequent loss of heterozygosity (LOH) at human chromosome 8p22-p21 is

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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 pro-state
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.
9638
WB 1:300-5000
IHC-P 1:200-400
For Research Use only
Liquid
1 μg/μL
Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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