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ZNF312 Rabbit pAb

Catalog # AP96392

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q8TBJ5
Other Accession	Q8TBJ5
Reactivity	Rat, Mouse
Predicted	Human, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48811
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZNF312
Epitope Specificity	10-120/459
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 6 C2H2-type zinc fingers.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	ZNF312, also known as Fezf2 or Fez-like, is a zinc finger protein that acts as a transcriptional repressor during the development of corticospinal motor neurons and other subcerebral projection neurons. ZNF312 is expressed by early progenitor cells in the ventricular zone. It regulates the fate choice of subcortical projection neurons in the developing cerebral cortex. This protein is expressed in the developing cortical plate during early embryonic development. During late embryonic development and early postnatal development, ZNF312 expression disappears from the cortical progenitors and becomes restricted to the subplate nad the prospective layer V and VI pyramidal neurons.

Additional Information

Gene ID	55079
Other Names	FEZ; FEZL; FKSG36; TOF; ZFP312; ZNF312; FEZF2_HUMAN; FEZF2; Forebrain embryonic zinc finger-like protein 2; Zinc finger protein 312; Zinc finger protein Fez-like; FEZF2_MOUSE; FEZ family zinc finger 2; too few; forebrain embryonic zinc finger-like protein
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	FEZF2
Synonyms	FEZL, ZNF312
Function	Transcription repressor. Required for the specification of corticospinal motor neurons and other subcerebral projection neurons. May play a role in layer and neuronal subtype-specific patterning of subcortical projections and axonal fasciculation. Controls the development of dendritic arborization and spines of large layer V pyramidal neurons. May be involved in innate immunity (By similarity).
Cellular Location	Nucleus.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.