

OVOL1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP14637a

Product Information

Application	WB, E
Primary Accession	O14753
Other Accession	Q9WTJ2 , A2VDT4 , NP_004552.2
Reactivity	Human
Predicted	Bovine, Mouse, Rat, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35764
Calculated MW	30259
Antigen Region	1-29

Additional Information

Gene ID	5017
Other Names	Putative transcription factor Ovo-like 1, hOvo1, OVOL1
Target/Specificity	This OVOL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-29 amino acids from the N-terminal region of human OVOL1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	OVOL1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	OVOL1
Function	Putative transcription factor. Involved in hair formation and spermatogenesis. May function in the differentiation and/or maintenance of the urogenital system (By similarity).

Cellular Location	Nucleus.
Tissue Location	Expressed in fetal kidney, and also in adult pancreas and placenta. Not expressed in intestine, peripheral blood lymphocytes and ovary

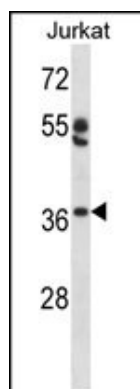
Background

This gene encodes a protein highly similar to Drosophila and mouse proteins. In Drosophila the ovo protein plays a critical role in Drosophila oogenesis and cuticle formation. In mice the ovo like protein is involved in hair formation and spermatogenesis. The function of the human gene product has not been determined.

References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Kottgen, A., et al. Nat. Genet. 42(5):376-384(2010)
Dai, X., et al. Genes Dev. 12(21):3452-3463(1998)
Chidambaram, A., et al. Mamm. Genome 8(12):950-951(1997)

Images



OVOL1 Antibody (N-term) (Cat. #AP14637a) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the OVOL1 antibody detected the OVOL1 protein (arrow).

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