

Datasheet for ABIN2780609 anti-OVOL1 antibody (C-Term)



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2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	OVOL1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Goat, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OVOL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human OVOL1
Sequence:	QKYAYKERRA KLYVCEECCG TSSEQEGHVL HLKEHHPDSP LLRKTSKKVA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against OVOL1. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	OVOL1
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Target Details

Alternative Name:	OVOL1 (OVOL1 Products)
Background:	<p>OVOL1 is 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. 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.</p> <p>Alias Symbols: HOVO1</p> <p>Protein Interaction Partner: MAFF, HDAC3, HDAC2, HDAC1,</p> <p>Protein Size: 267</p>
Molecular Weight:	30 kDa
Gene ID:	5017
NCBI Accession:	NM_004561 , NP_004552
UniProt:	O14753

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 267 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.

Handling

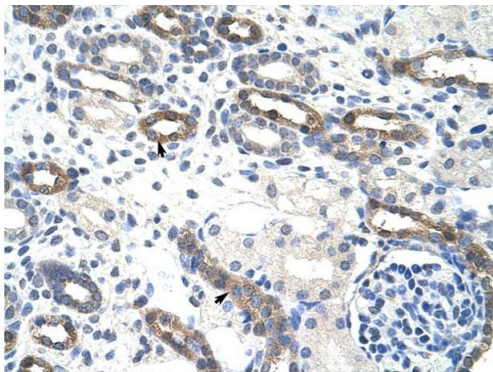
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Renaud, Chakraborty, Mason, Rumi, Vivian, Soares: "OVO-like 1 regulates progenitor cell fate in human trophoblast development." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 112, Issue 45, pp. E6175-84, (2015) ([PubMed](#)).

Images



Rabbit Anti-OVOL1 Antibody
Catalog Number: ARP38500
Lot Number: QC10806
Paraffin Embedded Tissue: Human Kidney
Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 1. Human kidney



Western Blotting

Image 2. WB Suggested Anti-OVOL1 Antibody Titration:
2.0ug/ml Positive Control: Jurkat cell lysate