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Datasheet for ABIN1707126
anti-OVOL2 antibody (AA 75-180) (Cy5.5)

Overview

Quantity:	100 µL
Target:	OVOL2
Binding Specificity:	AA 75-180
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OVOL2 antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human OVOL2/ZNF339
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Cow,Pig
Purification:	Purified by Protein A.

Target Details

Target:	OVOL2
Alternative Name:	OVOL2/ZNF339 (OVOL2 Products)

Target Details

Background: Synonyms: bA504H3.3, EUROIMAGE566589, hOvo 2, hOvo2, Ovo like 2 Drosophila, Ovo like 2, OVOL 2, Transcription factor Ovo like 2, Zinc finger protein 339, ZNF 339, ZNF339, OVOL2_HUMAN.

Background: The Ovo family of zinc-finger transcription factors encode evolutionarily conserved genes including those from *Caenorhabditis elegans*, *Drosophila melanogaster*, mouse and human. Members of the Ovo family include *Ovol1* and *Ovol2*. *Ovol1* acts as a transcriptional repressor by interacting with key developmental signaling pathways such as Wnt and TGF- β /BMP. Specifically, *Ovol1* represses *c-Myc* and *Id2* genes and establishes a balance between proliferation and differentiation of progenitor cells. Deletion of *Ovol1* in mice leads to germ cell degeneration and defective sperm production in adult males. *Ovol1* has also been shown to repress itself as well as *Ovol2*, which is thought to regulate neural development and vascular angiogenesis during embryogenesis.

Gene ID: 58495

Pathways: [Tube Formation](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 $\mu\text{g}/\mu\text{L}$

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.

Handling

Expiry Date: 12 months