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Datasheet for ABIN1694277

anti-OVOL2 antibody (AA 75-180) (Alexa Fluor 350)

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 Alexa Fluor 350
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:	<p>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.</p> <p>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.</p>
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 μ g/ μ 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