

ARG41264 anti-OVOL2 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes OVOL2
Tested Reactivity	Hu
Predict Reactivity	Ms, Cow, Dog, Hrs
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	OVOL2
Species	Human
Immunogen	Synthetic peptide around the N-terminal region of Human OVOL2. (within the following region: PKVFLVKRRSLGVSRSWDELPDEKRADTYIPVGLGRLLHDPPEDCRSDG)
Conjugation	Un-conjugated
Alternate Names	Zinc finger protein 339; EUROIMAGE566589; Transcription factor Ovo-like 2; hOvo2; ZNF339

Application Instructions

Predict Reactivity Note	Predicted Homology Based On Immunogen Sequence: Cow: 100%; Dog: 100%; Horse: 100%; Mouse: 93%	
Application table	Application	Dilution
	IHC-P	1:250
	WB	0.2 - 1 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	WB: 721_B cell IHC: Human Corneal Endothelium	
Observed Size	31 kDa	

Properties

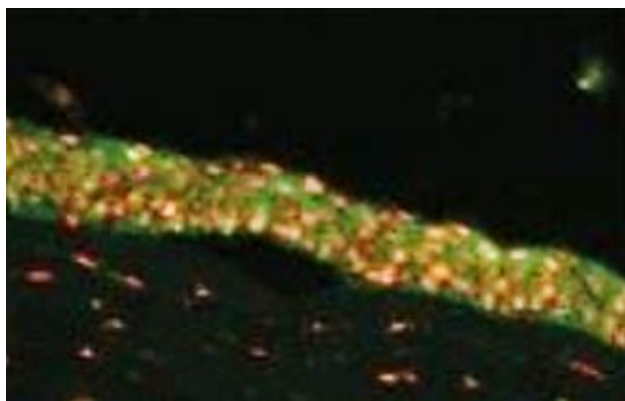
Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose

Concentration	Batch dependent: 0.5 - 1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

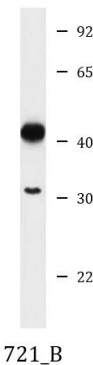
Gene Symbol	OVOL2
Gene Full Name	ovo-like zinc finger 2
Function	Zinc-finger transcription repressor factor. Plays a critical role to maintain the identity of epithelial lineages by suppressing epithelial-to mesenchymal transition mainly through the up-regulation of ZEB1 expression. Positively regulates neuronal differentiation (By similarity). Suppresses cell cycling and terminal differentiation of keratinocytes by directly repressing MYC and NOTCH1. [UniProt]
Calculated Mw	30 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG41264 anti-OVOL2 antibody IHC image

Immunohistochemistry: Human corneal epithelium stained with ARG41264 anti-OVOL2 antibody at 1:250 dilution.



ARG41264 anti-OVOL2 antibody WB image

Western blot: 721_B cell lysate stained with ARG41264 anti-OVOL2 antibody at 0.2 - 1 µg/ml dilution.