OVOL2 Antibody

Catalog No: #47724

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Description

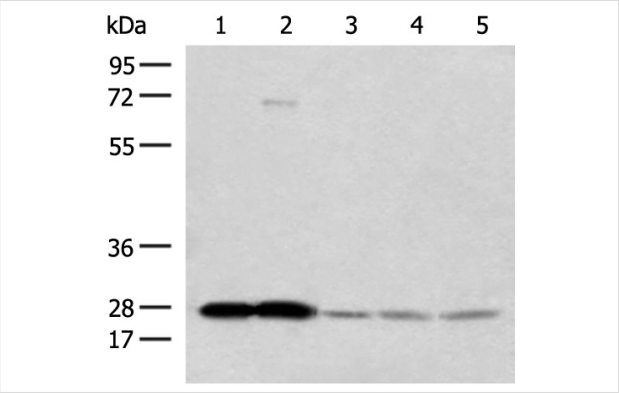
Product Name	OVOL2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IHC
Species Reactivity	Hu, Ms
Specificity	The antibody detects endogenous levels of total OVOL2 protein.
Immunogen Type	Peptide
Immunogen Description	Fusion protein of human OVOL2
Target Name	OVOL2
Other Names	CHED; CHED1; CHED2; PPCD1; ZNF339; EUROIMAGE566589
Accession No.	Swiss-Prot#:Q9BRP0NCBI Gene ID:58495Gene Accssion:BC006148
Calculated MW	30 kDa
Concentration	0.8
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

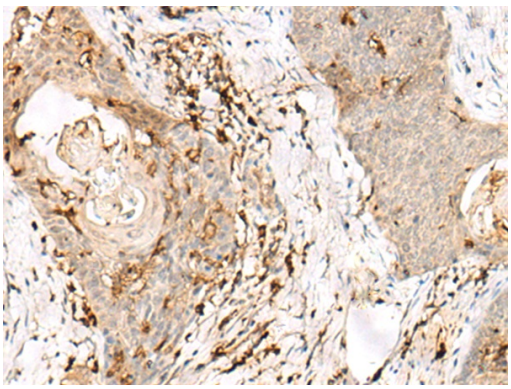
WB dilution:1:500-2000

IHC dilution:1: 30-150

Images



Gel: 8%SDS-PAGE, Lysate: 40 ΞOg, Lane 1-5: Human cerebella tissue, Human cerebrum tissue, Human skin tissue, NIH/3T3 cell, SKOV3 cell lysates, Primary antibody:47724(OVOL2 Antibody) at dilution 1/350, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 5 seconds



The image is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 47724(OVOL2 Antibody) at dilution 1/50.(Original magnification: 200)

Background

This gene encodes a member of the evolutionarily conserved ovo-like protein family. Mammalian members of this family contain a single zinc finger domain composed of a tetrad of C2H2 zinc fingers with variable N- and C-terminal extensions that contain intrinsically disordered domains. Members of this family are involved in epithelial development and differentiation. Knockout of this gene in mouse results in early embryonic lethality with phenotypes that include neurectoderm expansion, impaired vascularization, and heart anomalies. In humans, allelic variants of this gene have been associated with posterior polymorphous corneal dystrophy.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.