OOEP Antibody

Catalog No: #48591

Package Size: #48591-1 50ul #48591-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

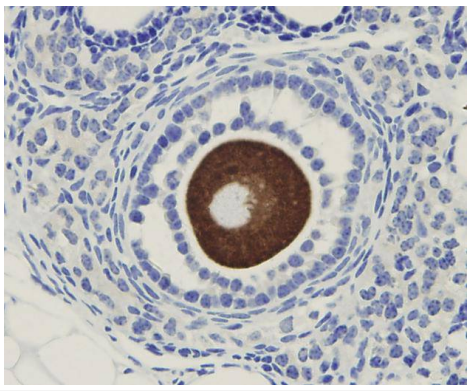
Description

Product Name	OOEP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Peptide affinity purified
Applications	IHC
Species Reactivity	Ms
Immunogen Description	peptide
Other Names	C6orf156 antibody FLOPED antibody HOEP19 antibody KH homology domain-containing protein 2 antibody KHDC2 antibody Oocyte expressed protein antibody Oocyte- and embryo-specific protein 19 antibody Oocyte-expressed protein homolog antibody OOEP antibody OOEP_HUMAN antibody
Accession No.	Swiss-Prot#:Q9CWE6
Uniprot	Q9CWE6
GeneID	67968;
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

IHC: 1:200

Images



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue using anti-OOEP antibody. Counter stained with hematoxylin.

Background

OOEP (oocyte-expressed protein homolog), also known as KHDC2 (KH homology domain-containing protein 2) or OEP19 (oocyte- and embryo-specific protein 19), is a 149 amino acid cytoplasmic protein that belongs to the KHDC1 family and contains one KH domain. As a member of the subcortical maternal complex (SCMC), OOEP is necessary for zygotes to progress beyond the first embryonic cell divisions. In addition to OOEP, the SCMC includes NALP5 and TLE6. The gene that encodes OOEP consists of approximately 26,579 bases and maps to human chromosome 6q13.

With 170 million base pairs, chromosome 6 comprises nearly 6% of the human genome. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer, suggesting the presence of a cancer susceptibility locus. Additionally, Porphyria cutanea tarda, Parkinson's disease, Stickler syndrome and a susceptibility to bipolar disorder are all associated with genes that map to chromosome 6.

References

Note: This product is for in vitro research use only