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ODF2L Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13014b

Specification

ODF2L Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q9ULJ1
Other Accession	Q0VBY1, NP_001171694.1, NP_065780.2
Reactivity	**Human**
Predicted	**Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**73728**
Antigen Region	**543-572**

ODF2L Antibody (C-term) - Additional Information

Gene ID 57489

Other Names
Outer dense fiber protein 2-like, ODF2L, KIAA1229

Target/Specificity
This ODF2L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 543-572 amino acids from the C-terminal region of human ODF2L.

Dilution
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
ODF2L Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ODF2L Antibody (C-term) - Protein Information

Name ODF2L (HGNC:29225)

Function Acts as a suppressor of ciliogenesis, specifically, the initiation of ciliogenesis.

Cellular Location
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriolar satellite. Cytoplasm, cytoskeleton, cilium basal body. Note=Localizes to centrioles in proliferative cells and basal bodies in ciliated cells (PubMed:17485331). Disappears during ciliogenesis but reappears, albeit at a lower levels once ciliogenesis has completed (PubMed:28775150) [Isoform 6]: Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriolar satellite. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole Note=Disappears during ciliogenesis but reappears, albeit at a lower levels once ciliogenesis has completed.

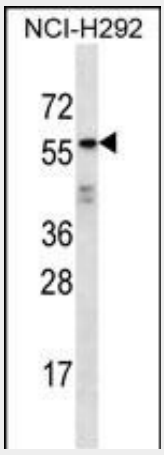
Tissue Location
Mainly expressed in trachea and testis. Not detected in bone marrow, bladder, leukocytes. Only weakly detected in tongue, stomach, brain and ovaries.

ODF2L Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

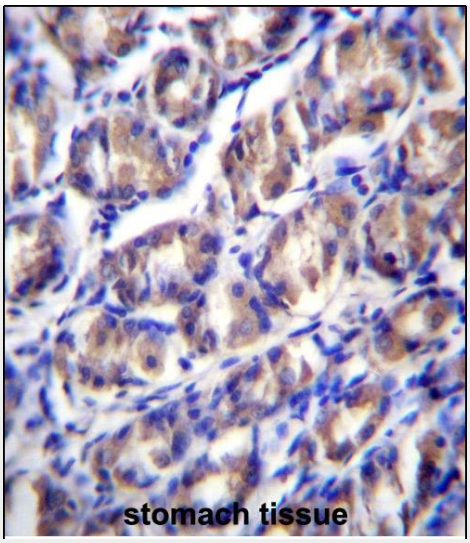
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ODF2L Antibody (C-term) - Images



ODF2L Antibody (C-term) (Cat. #AP13014b) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the ODF2L antibody detected the ODF2L protein (arrow).

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ODF2L Antibody (C-term) (Cat. #AP13014b)immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of ODF2L Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ODF2L Antibody (C-term) - Background

ODF2L belongs to the ODF2 family. The specific function of this protein remains unknown.

ODF2L Antibody (C-term) - References

Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002)
Nagase, T., et al. DNA Res. 6(5):337-345(1999)
Bonaldo, M.F., et al. Genome Res. 6(9):791-806(1996)