

ODF2 Antibody

Catalog No: #46635

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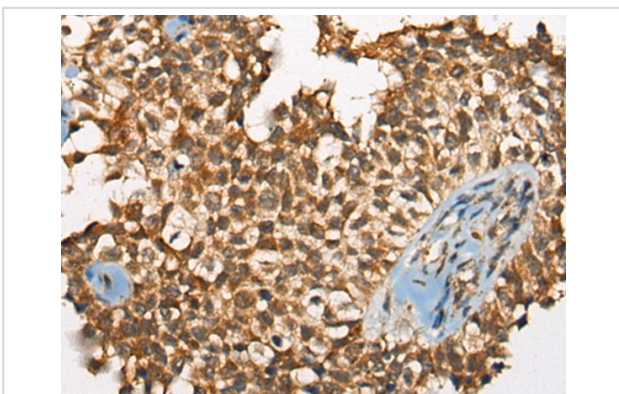
Description

Product Name	ODF2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total ODF2 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to internal residues of human ODF2
Target Name	ODF2
Other Names	CT134; ODF84; ODF2/1; ODF2/2
Accession No.	Swiss-Prot:Q5BJF6 NCBI Gene ID:4957NCBI Protein:NP_702911
Uniprot	Q5BJF6
GeneID	4957;
Concentration	2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

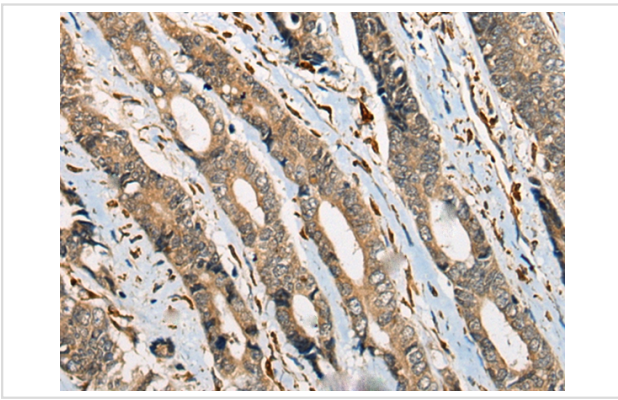
Application Details

Immunohistochemistry: 1: 50-300

Images



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 46635(ODF2 Antibody) at dilution 1/110, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 46635(ODF2 Antibody) at dilution 1/110, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

The outer dense fibers are cytoskeletal structures that surround the axoneme in the middle piece and principal piece of the sperm tail. The fibers function in maintaining the elastic structure and recoil of the sperm tail as well as in protecting the tail from shear forces during epididymal transport and ejaculation. Defects in the outer dense fibers lead to abnormal sperm morphology and infertility. This gene encodes one of the major outer dense fiber proteins. Alternative splicing results in multiple transcript variants. The longer transcripts, also known as 'Cenexins', encode proteins with a C-terminal extension that are differentially targeted to somatic centrioles and thought to be crucial for the formation of microtubule organizing centers.?

Note: This product is for in vitro research use only