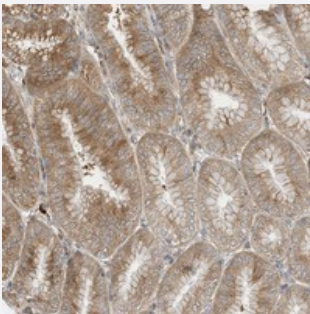


# OFD1 polyclonal antibody

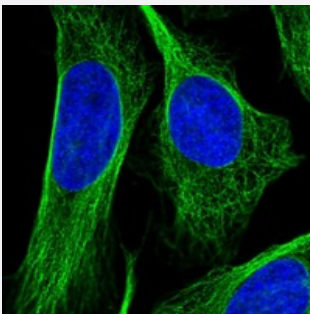
Catalog # PAB22512      Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human stomach with OFD1 polyclonal antibody (Cat # PAB22512) shows moderate cytoplasmic positivity in glandular cells.



### Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with OFD1 polyclonal antibody (Cat # PAB22512) at 1-4 ug/mL dilution shows positivity in cytoskeleton (microtubules).

## Specification

Product Description	Rabbit polyclonal antibody raised against recombinant OFD1.
Immunogen	Recombinant protein corresponding to amino acids of human OFD1.
Sequence	LLKEEKLELLAQNKLLKQQLEESRNNELRLLNRLAQPAPELAVFQKELRKA EKAMVEHEEFESC RQALHKQLQDEIEHSAQLKAQILGYKA
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human stomach with OFD1 polyclonal antibody (Cat # PAB22512) shows moderate cytoplasmic positivity in glandular cells.

- Immunofluorescence

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## Gene Info — OFD1

Entrez GeneID	<a href="#">8481</a>
Protein Accession#	<a href="#">O75665</a>
Gene Name	OFD1
Gene Alias	71-7A, CXorf5, MGC117039, MGC117040, SGBS2
Gene Description	oral-facial-digital syndrome 1
Omim ID	<a href="#">300170</a> <a href="#">300209</a> <a href="#">311200</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

This gene is located on the X chromosome and encodes a centrosomal protein. A knockout mouse model has been used to study the effect of mutations in this gene. The mouse gene is also located on the X chromosome, however, unlike the human gene it is not subject to X inactivation. Mutations in this gene are associated with oral-facial-digital syndrome type I and Simpson-Golabi-Behmel syndrome type 2. Many pseudogenes have been identified; a single pseudogene is found on chromosome 5 while as many as fifteen have been found on the Y chromosome. Alternatively spliced transcripts have been described for this gene but the biological validity of these transcripts has not been determined. [provided by RefSeq]

**Other Designations**

OTTHUMP00000022940

**Disease**

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)