

MUC16 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51371

Specification

MUC16 Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	O8WXI7
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23 KDa

MUC16 Antibody - Additional Information

Gene ID 94025

Other Names

Mucin-16, MUC-16, Ovarian cancer-related tumor marker CA125, CA-125, Ovarian carcinoma antigen CA125, MUC16, CA125

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

MUC16 Antibody - Protein Information

Name MUC16 ([HGNC:15582](#))

Function

Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces.

Cellular Location

Cell membrane; Single-pass type I membrane protein. Secreted, extracellular space. Note=May be liberated into the extracellular space following the phosphorylation of the intracellular C-terminus which induces the proteolytic cleavage and liberation of the extracellular domain

Tissue Location

Expressed in corneal and conjunctival epithelia (at protein level). Overexpressed in ovarian carcinomas and ovarian low malignant potential (LMP) tumors as compared to the expression in normal ovarian tissue and ovarian adenomas

MUC16 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MUC16 Antibody - Images

MUC16 Antibody - Background

Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces (By similarity).

MUC16 Antibody - References

O'Brien T.J., et al. Tumor Biol. 23:154-169(2002).
O'Brien T.J., et al. Tumor Biol. 22:348-366(2001).
Yin B.W.T., et al. J. Biol. Chem. 276:27371-27375(2001).
Lloyd K.O., et al. Submitted (SEP-2003) to the EMBL/GenBank/DDJB databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).