

MUC16 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51371

Product Information

Application	WB, IHC-P
Primary Accession	Q8WXI7
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	1519175

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
Dilution	WB~~1:1000 IHC-P~~N/A
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

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

Background

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

surfaces (By similarity).

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/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).

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