

# MUC16 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51371

## Product Information

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<b>Application</b>	WB, IHC-P
<b>Primary Accession</b>	<a href="#">Q8WXI7</a>
<b>Reactivity</b>	Human, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	1519175

## Additional Information

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<b>Gene ID</b>	94025
<b>Other Names</b>	Mucin-16, MUC-16, Ovarian cancer-related tumor marker CA125, CA-125, Ovarian carcinoma antigen CA125, MUC16, CA125
<b>Dilution</b>	WB~~1:1000 IHC-P~~N/A
<b>Format</b>	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	MUC16 ( <a href="#">HGNC:15582</a> )
<b>Function</b>	Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces.
<b>Cellular Location</b>	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
<b>Tissue Location</b>	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

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

surfaces (By similarity).

## References

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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).

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

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