

Rabbit MUC2 Polyclonal Antibody | anti-MUC2 antibody

MUC2 antibody

CATALOG # AAA107824	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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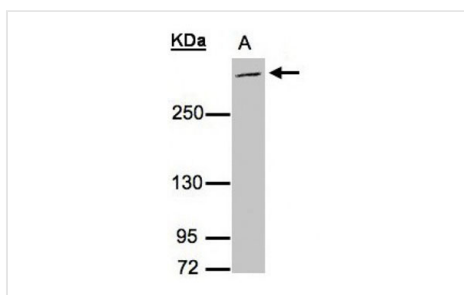
PRODUCT SYNONYMS

MUC2; Polyclonal Antibody; MUC2 antibody; Polyclonal MUC2; Anti-MUC2; MUC 2; MUC-2; mucin-like protein; mucin-2; SMUC; mucin 2 intestinal/tracheal; intestinal mucin-2; MLP; anti-MUC2 antibody

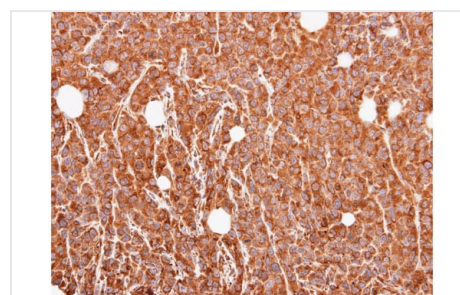
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	MUC2 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	5179
Applicable Applications for anti-MUC2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	This gene encodes a member of the mucin protein family. Mucins are high molecular weight glycoproteins produced by many epithelial tissues. The protein encoded by this gene is secreted and forms an insoluble mucous barrier that protects the gut lumen. The protein polymerizes into a gel of which 80% is composed of oligosaccharide side chains by weight. The protein features a central domain containing tandem repeats rich in threonine and proline that varies between 50 and 115 copies in different individuals.
Cross-Reactivity	Human
Immunogen	MUC2 antibody was raised in rabbit using a synthetic peptide corresponding to a region within amino acids 4362 and 4456 of MUC2
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A:Raji) using a 5 % SDS PAGE gel and MUC2 antibody at a dilution of 1:3000


IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded SAS xenograft using MUC2 antibody at a dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-MUC2 antibody	Affinity purified Rabbit polyclonal MUC2 antibody
Product Categories/Family for anti-MUC2 antibody	Cell Biology; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	116284392
NCBI GeneID	4583
NCBI Accession #	NP_002448.2
NCBI GenBank Nucleotide #	NM_002457.2
UniProt Accession #	Q02817; Q14878
Molecular Weight	540 kDa
NCBI Official Full Name	mucin-2
NCBI Official Synonym Full Names	mucin 2, oligomeric mucus/gel-forming
NCBI Official Symbol	MUC2
NCBI Official Synonym Symbols	MLP; SMUC; MUC-2
NCBI Protein Information	mucin-2
UniProt Protein Name	Mucin-2
UniProt Gene Name	MUC2
UniProt Synonym Gene Names	SMUC; MUC-2
UniProt Entry Name	MUC2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/muc2-antibody-western-blot-immunohistochemistry-elisa/107824>