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anti-MUC20 antibody (N-Term)

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Overview

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400 μL
MUC20
AA 61-90, N-Term
Human
Rabbit
Polyclonal
This MUC20 antibody is un-conjugated
Western Blotting (WB), Immunofluorescence (IF)
This MLIC20 antibody is generated from rabbits immunized with a KLH conjugated synthetic

Immunogen:	This MUC20 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 61-90 amino acids from the N-terminal region of human MUC20.
Clone:	RB12372
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MUC20
Alternative Name:	MUC20 (MUC20 Products)
Background:	This gene encodes a member of the mucin protein family. Mucins are high molecular weight

glycoproteins secreted by many epithelial tissues to form an insoluble mucous barrier. The shorter isoform expressed by this gene is localized to the plasma membrane, whereas the longer isoform might be secreted. The C terminus of this protein associates with the multifunctional docking site of the met proto-oncogene and suppresses activation of some downstream met signaling cascades. The protein features a tandem repeat domain that varies between 2 and 6 copies in different individuals. Multiple transcript variants encoding different isoforms have been found for this gene.

 Molecular Weight:
 71982

 Gene ID:
 200958

 UniProt:
 Q8N307

Application Details

Application Notes: IF: 1:10~50. WB: 1:2000

Restrictions: For Research Use only

Handling

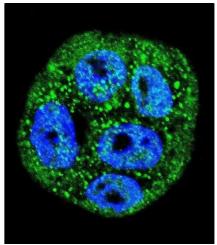
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

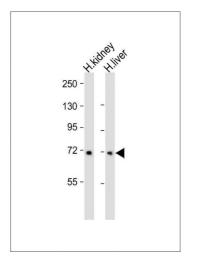
Publications

Product cited in:

Zhang, Liu, Xu, Sun, Gong, Shao: "Neferine, an alkaloid ingredient in lotus seed embryo, inhibits proliferation of human osteosarcoma cells by promoting p38 MAPK-mediated p21 stabilization.

"in: European journal of pharmacology, Vol. 677, Issue 1-3, pp. 47-54, (2012) (PubMed).





Immunofluorescence

Image 1. Confocal immunofluorescent analysis of MUC20 Antibody (N-term) (ABIN652399 and ABIN2837983) with WiDr cell followed by Alexa Fluor 488-conjugated goat antirabbit IgG (green). DI was used to stain the cell nuclear (blue).

Western Blotting

Image 2. All lanes: Anti-MUC20 Antibody (N-term) at 1:2000 dilution Lane 1: Human kidney whole lysate Lane 2: Human liver whole lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 72 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.