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anti-DMBT1 antibody (N-Term)



Images



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Quantity:	100 μL
Target:	DMBT1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DMBT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DMBT1
Sequence:	SWSTPSPDTL PTITLPASTV GSESSLALRL VNGGDRCQGR VEVLYRGSWG
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against DMBT1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DMBT1
Alternative Name:	DMBT1 (DMBT1 Products)

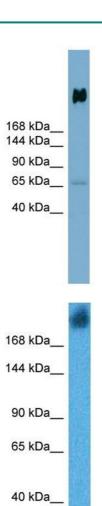
Target Details

Background:	Loss of sequences from human chromosome 10q has been associated with the progression of
	human cancers. The gene DMBT1 was originally isolated based on its deletion in a
	medulloblastoma cell line. DMBT1 is expressed with transcripts of 6.0, 7.5, and 8.0 kb in fetal
	lung and with one transcript of 8.0 kb in adult lung, although the 7.5 kb transcript has not been
	characterized. The DMBT1 protein is a glycoprotein containing multiple scavenger receptor
	cysteine-rich (SRCR) domains separated by SRCR-interspersed domains (SID). Transcript
	variant 2 (8.0 kb) has been shown to bind surfactant protein D independently of carbohydrate
	recognition. This indicates that DMBT1 may not be a classical tumor supressor gene, but rather
	play a role in the interaction of tumor cells and the immune system.
	Alias Symbols: GP340, MGC164738, muclin
	Protein Interaction Partner: CDK6, COPS6, SUMO2, UBC, PARD6B, SFTPD, SFTPA1,
	Protein Size: 2413
Molecular Weight:	258 kDa
Gene ID:	1755
NCBI Accession:	NM_007329, NP_015568
UniProt:	Q9UGM3
Pathways:	Activation of Innate immune Response
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 2413 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-DMBT1 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Stomach

Western Blotting

Image 2. Host: Rabbit Target Name: DMBT1 Sample Tissue: Human Human Stomach Antibody Dilution: 1ug/ml

DMBT1 1 2 3 4 250 kDa____ 130 kDa____ 100 kDa____ 70 kDa____

See Immunoblot 2 Data and Customer Feedback for more Information

Western Blotting

Image 3. Lanes: Lane 1: 2ug MCF7-DMBT1+Dox Lane 2: 2ug MCF7-DMBT1 -Dox Lane 3: 2ug MCF7-Ctrl+Dox Lane 4: 2ug MCF7-DMBT1 -Dox Primary Antibody Dilution: 1:5000 Secondary Antibody: Anti-rabbit HRP Secondary Antibody Dilution: 1:10,000 Gene Name: DMBT1 Submitted by: Matthias Rauen, Lundbeckfonden Center of Excellence NanoCAN, University of Southern Denmark