

## Rabbit anti-Human DMBT1 Polyclonal Antibody | anti-DMBT1 antibody

DMBT1 antibody - N-terminal region

|                               |                       |                            |                                     |
|-------------------------------|-----------------------|----------------------------|-------------------------------------|
| CATALOG #<br><b>AAA199103</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-------------------------------------|

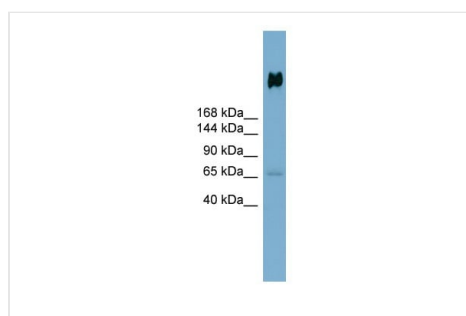
### PRODUCT SYNONYMS

DMBT1; Polyclonal Antibody; DMBT1 antibody - N-terminal region; anti-DMBT1 antibody

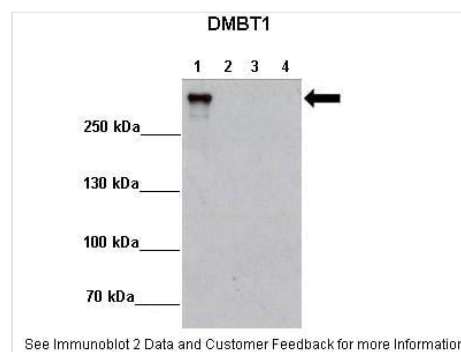
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Human                                                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Affinity Purified                                                                                                                                     |
| Form/Format                                     | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                        | Synthetic peptide with the following region: SW STPSPDTLPT ITLPASTVGS ESSLALRLVN GGDRQCGRVE VLYRGSWG                                                  |
| Sequence Length                                 | 2413                                                                                                                                                  |
| Applicable Applications for anti-DMBT1 antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                        | Human: 100%                                                                                                                                           |
| Immunogen                                       | The immunogen is a synthetic peptide directed towards the N terminal region of human DMBT1                                                            |
| Preparation and Storage                         | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

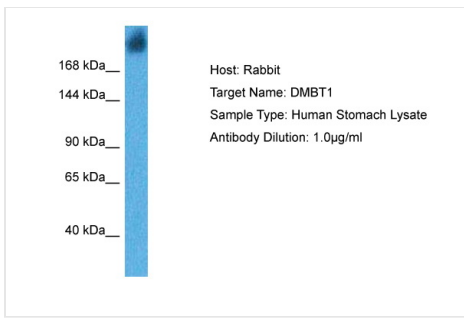
### IMAGES


**WB (Western Blot)**

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


**WB (Western Blot)**

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 Dilution: 1:10,000  
Gene Name: DMBT1 Submitted by: Matthias Rauen, Lundbeckfonden Center of Excellence NanoCAN, University of Southern Denmark



**WB (Western Blot)**  
Host: RabbitTarget Name: DMBT1Sample Tissue: Human Human StomachAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DMBT1 antibody | <p>This is a rabbit polyclonal antibody against DMBT1. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: 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.</p> |
| Product Categories/Family for anti-DMBT1 antibody   | <p>Polyclonal; Various; Tissue Specific &amp; Cell Marker; Microbiology; Cell Differentiation</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| NCBI GI #                        | 148539842                                             |
| NCBI GeneID                      | 1755                                                  |
| NCBI Accession #                 | NP_015568                                             |
| NCBI GenBank Nucleotide #        | NM_007329                                             |
| UniProt Accession #              | Q9UGM3                                                |
| Molecular Weight                 | 258kDa                                                |
| NCBI Official Full Name          | deleted in malignant brain tumors 1 protein isoform b |
| NCBI Official Synonym Full Names | deleted in malignant brain tumors 1                   |
| NCBI Official Symbol             | DMBT1                                                 |
| NCBI Official Synonym Symbols    | SAG; GP340; SALSA; muclin                             |
| NCBI Protein Information         | deleted in malignant brain tumors 1 protein           |
| UniProt Protein Name             | Deleted in malignant brain tumors 1 protein           |
| UniProt Gene Name                | DMBT1                                                 |
| UniProt Synonym Gene Names       | GP340; Gp-340; SAG                                    |

**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.

