

Anti-VWA5A antibody

Cat. No.	ml221980
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-VWA5A rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human VWA5A
Reactivity	Human
Content	0.5 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	VWA5A
Full name	von Willebrand factor A domain containing 5A

Synonyms BCSC1; BCSC-1; LOH11CR2A

Swissprot O00534

Target Background

VWA5A (von Willebrand factor A domain containing 5A), also known as BCSC-1 (breast cancer suppressor candidate 1) or LOH11CR2A (loss of heterozygosity 11 chromosomal region 2 gene A protein), is a 786 amino acid protein containing one VIT domain and one VWFA domain. VWA5A is expressed at low levels in various tissues, with no expression found in 80% of tumor cell lines. Likely acting as a tumor suppressor gene, deletion of VWA5A leads to loss of heterozygosity (LOH) in breast and ovarian tumors, and may have an important role as a potential gene therapy target. Abnormal expression of VWA5A may lead to an increase in adhesion of CNE-2L2 cells associated with an increase in expression of E-cadherin, alpha-catenin, and p53, resulting in a decrease of malignant activity in cells with ectopic expression of VWA5A.

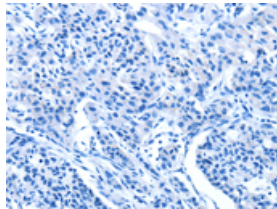
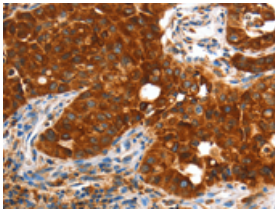
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human lung cancer

Recommended dilution: 100-300

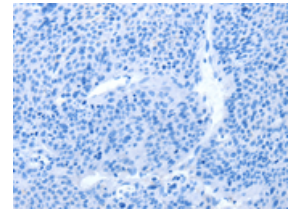
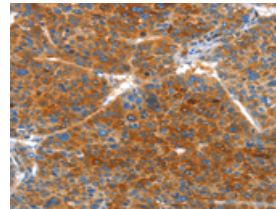


The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using m1221980(VWA5A Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 100-300



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using m1221980(VWA5A Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size: 86 kDa

Positive control: Human Adrenal pheochromocytoma tissue, Jurkat and A549 cells

Recommended dilution: 500-2000

订购热线: 4008-898-798

Gel: 6%SDS-PAGE

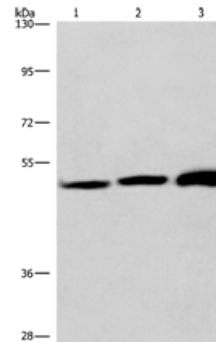
Lysate: 40 μ g

Lane 1-3: Human Adrenal pheochromocytoma tissue, Jurkat cells, A549 cells

Primary antibody: ml221980(VWA5A Antibody) at dilution 1/275

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds



ELISA

Recommended dilution: 2000-10000

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