

## VWA5A Antibody

Catalog No: #36278

Package Size: #36278-1 50ul #36278-2 100ul

Orders: order@signalwayantibody.com

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## Description

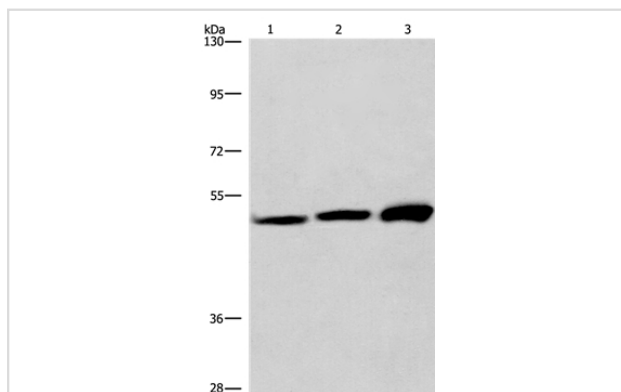
Product Name	VWA5A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total VWA5A protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human von Willebrand factor A domain containing 5A
Target Name	VWA5A
Other Names	BCSC1; BCSC-1; LOH11CR2A
Accession No.	Swiss-Prot#: O00534NCBI Gene ID: 4013Gene Accssion: BC001234
SDS-PAGE MW	86kd
Concentration	2.2mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:100-1:300

## Images



Gel: 6%SDS-PAGE

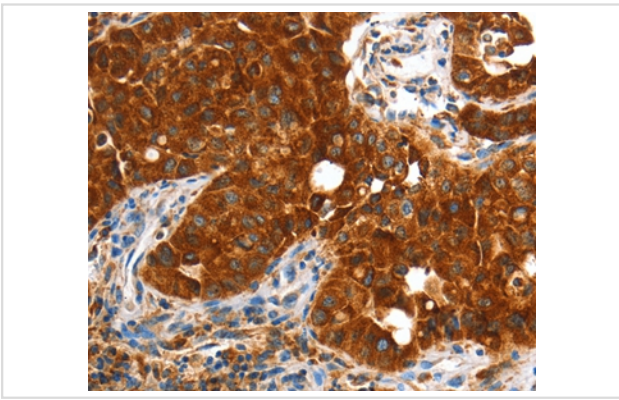
Lysates (from left to right): Adrenal pheochromocytoma tissue, Jurkat and A549 cell

Amount of lysate: 40ug per lane

Primary antibody: 1/275 dilution

Secondary antibody dilution: 1/8000

Exposure time: 10 seconds



Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using #36278 at dilution 1/60.

## 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.