

VWA5A Polyclonal Antibody

Catalog Number: E-AB-10998

Note: Centrifuge before opening to ensure complete recovery of vial contents.

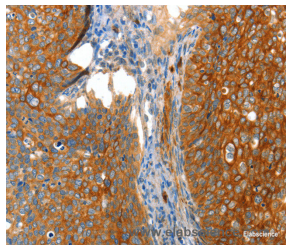
Description

| | |
|---------------------|---|
| Reactivity | Human |
| Immunogen | Recombinant protein of human VWA5A |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Formulation | PBS with 0.05% sodium azide and 50% glycerol, PH7.4 |

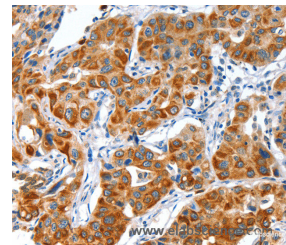
Applications Recommended Dilution

| | |
|------------|-------------|
| IHC | 1:100-1:300 |
|------------|-------------|

Data



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using VWA5A Polyclonal Antibody at dilution 1:80



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using VWA5A Polyclonal Antibody at dilution 1:80

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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.

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