

## Rabbit anti-Human, Mouse CABLES1 Polyclonal Antibody | anti-CABLES1 antibody

CABLES1 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                       |
|-----------|--------|--------------|------------------------------------|
| AAA308231 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot |

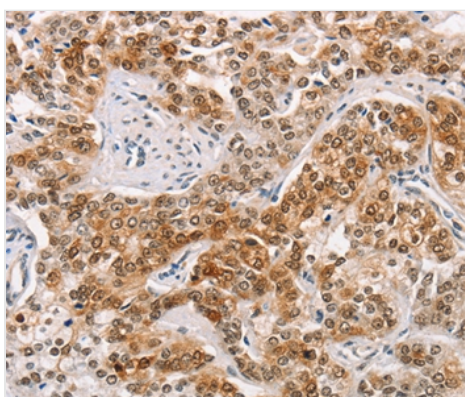
### PRODUCT SYNONYMS

CABLES1; Polyclonal Antibody; CABLES1 Antibody; CABL1; IK3-1; CABLES; HsT2563; anti-CABLES1 antibody

### PRODUCT SPECIFICATIONS

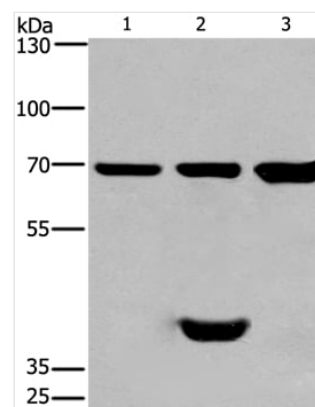
|                                                   |                                                                                                       |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                |
| Reactivity                                        | Human, Mouse                                                                                          |
| Clonality                                         | Polyclonal                                                                                            |
| Specificity                                       | The antibody detects endogenous levels of total CABLES1 protein.                                      |
| Purity/Purification                               | Antigen affinity purification.                                                                        |
| Form/Format                                       | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                       |
| Concentration                                     | 0.7 mg/ml (varies by lot)                                                                             |
| Sequence Length                                   | 633                                                                                                   |
| Applicable Applications for anti-CABLES1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                         |
| Immunogen Type                                    | Recombinant Protein                                                                                   |
| Immunogen Description                             | Fusion protein corresponding to residues near the C terminal of human Cdk5 and Abl enzyme substrate 1 |
| Target Name                                       | CABLES1                                                                                               |
| Preparation and Storage                           | Store at -20 degree C                                                                                 |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using at dilution 1/15.



#### Application Data

Gel: 6%SDS-PAGE Lysates (from left to right): Mouse brain and heart tissue, mouse liver tissue Amount of lysate: 40ug per lane Primary antibody: 1/350 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 minute

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CABLES1 antibody | This gene encodes a protein involved in regulation of the cell cycle through interactions with several cyclin-dependent kinases. One study (PMID: 16177568) reported aberrant splicing of transcripts from this gene which results in removal of the cyclin binding domain only in human cancer cells, and reduction in gene expression was shown in colorectal cancers (PMID: 17982127).Multiple transcript variants encoding different isoforms have been found for this gene. |
| Product Categories/Family for anti-CABLES1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| NCBI GI #                        | 154759423                                  |
| NCBI GeneID                      | 91768                                      |
| NCBI Accession #                 | NP_001094089.1                             |
| NCBI GenBank Nucleotide #        | NM_001100619.2                             |
| UniProt Accession #              | Q8TDN4; Q8N3Y8; Q8NA22; Q9BTG1; B4DK60     |
| Molecular Weight                 | 34,593 Da                                  |
| NCBI Official Full Name          | CDK5 and ABL1 enzyme substrate 1 isoform 2 |
| NCBI Official Synonym Full Names | Cdk5 and Abl enzyme substrate 1            |
| NCBI Official Symbol             | CABLES1                                    |
| NCBI Official Synonym Symbols    | CABL1; IK3-1; CABLES; HsT2563              |
| NCBI Protein Information         | CDK5 and ABL1 enzyme substrate 1           |
| UniProt Protein Name             | CDK5 and ABL1 enzyme substrate 1           |
| UniProt Gene Name                | CABLES1                                    |
| UniProt Synonym Gene Names       | CABLES; Ik3-1                              |
| UniProt Entry Name               | CABL1_HUMAN                                |

**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.

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