

## ADD1 Antibody | anti-ADD1 antibody

ADD1 (Phospho-Ser726) Antibody

|                               |                                        |                                                           |
|-------------------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA111090</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|-----------------------------------------------------------|

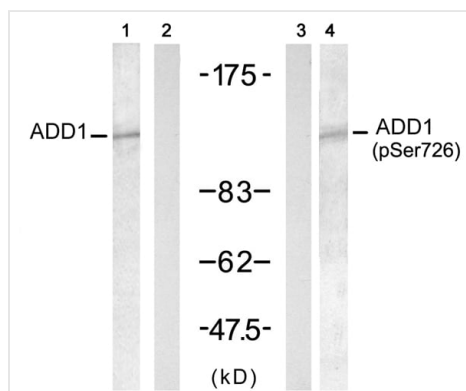
### PRODUCT SYNONYMS

ADD1; ADD1 (Phospho-Ser726) Antibody; anti-ADD1 antibody

### PRODUCT SPECIFICATIONS

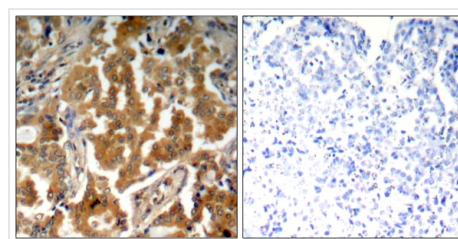
|                                                |                                                                                                                                                                                                                                                     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                                                                                                                   |
| Specificity                                    | ADD1 (Phospho-Ser726) antibody detects endogenous levels of ADD1 only when phosphorylated at serine 726.                                                                                                                                            |
| Purity/Purification                            | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| Form/Format                                    | In phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                             |
| Sequence Length                                | 737                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-ADD1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                       |
| Immunogen                                      | The antiserum was produced against synthesized phosphopeptide derived from human ADD1 around the phosphorylation site of serine 726 (T-P-S P-F-L).                                                                                                  |
| Preparation and Storage                        | Store at -20 degree C for 1 year                                                                                                                                                                                                                    |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extract from HT-29 cells untreated or treated with Doxorubicin (1mM, 30min), using ADD1 (Ab-726) antibody and ADD1 (Phospho-Ser726) antibody.



#### IHC (Immunohistochemistry)

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using ADD1 (Phospho-Ser726) antibody.

### ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                   |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-ADD1 antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|            |                                                                                                                                                                                                              |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Pariser H, et al. Proc Natl Acad Sci USA 2005 Aug 30; 102(35): 12407-12 Tamaru S, et al. Biochem Biophys Res Commun 2005 Jul 01; 332(2): 347-51 Barkalow KL, et al. J Cell Biol 2003 May 12; 161(3): 557-70. |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 29826319                                                                                       |
| NCBI GeneID                      | 118                                                                                            |
| NCBI Accession #                 | NP_001110.2                                                                                    |
| NCBI GenBank Nucleotide #        | NM_001119.4                                                                                    |
| UniProt Accession #              | P35611; Q13734; Q14729; Q16156; Q86XM2; Q9UJB6; A2A3N8; A2A3P0; B4DI79; D3DVR3; D3DVR4; D3DVR5 |
| Molecular Weight                 | 73,333 Da                                                                                      |
| NCBI Official Full Name          | alpha-adducin isoform a                                                                        |
| NCBI Official Synonym Full Names | adducin 1                                                                                      |
| NCBI Official Symbol             | ADD1                                                                                           |
| NCBI Official Synonym Symbols    | ADDA                                                                                           |
| NCBI Protein Information         | alpha-adducin                                                                                  |
| UniProt Protein Name             | Alpha-adducin                                                                                  |
| UniProt Gene Name                | <b>ADD1</b>                                                                                    |
| UniProt Synonym Gene Names       | ADDA                                                                                           |

**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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 Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/add1/111090>