

## Rabbit anti-Human CASP6 Polyclonal Antibody | anti-CASP6 antibody

CASP6 Antibody (N-term)

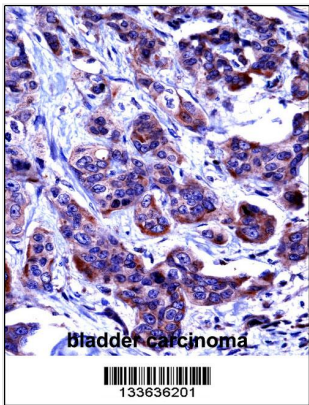
|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA285887</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

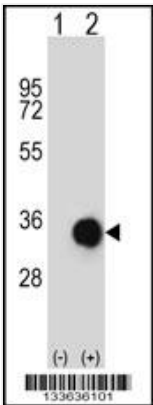
CASP6; Polyclonal Antibody; CASP6 Antibody (N-term); Caspase-6; CASP-6; Apoptotic protease Mch-2; Caspase-6 subunit p18; Caspase-6 subunit p11; MCH2; anti-CASP6 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human                                                                                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This CASP6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-45 amino acids from the N-terminal region of human CASP6.         |
| Purity/Purification                             | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                   | Vial Concentration: 0.41 (varies by lot)                                                                                                                                     |
| Sequence Positions                              | 17-45                                                                                                                                                                        |
| Sequence Length                                 | 293                                                                                                                                                                          |
| Applicable Applications for anti-CASP6 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                         |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |



**IHC (Immunohistochemistry)**  
CASP6 Antibody (N-term) (AAA285887)immunohistochemistry analysis in formalin fixed and paraffin embedded human bladder carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CASP6 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
Western blot analysis of CASP6 (arrow) using rabbit polyclonal CASP6 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CASP6 gene.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CASP6 antibody | This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein is processed by caspases 7, 8 and 10, and is thought to function as a downstream enzyme in the caspase activation cascade. Alternative splicing of this gene results in two transcript variants that encode different isoforms. [provided by RefSeq]. |
| Product Categories/Family for anti-CASP6 antibody   | Cancer; Cell Biology; Metabolism; Neuroscience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| References                                          | Wurstle, M.L., et al. J. Biol. Chem. 285(43):33209-33218(2010)<br>Lee, S.Y., et al. J Thorac Oncol 5(8):1152-1158(2010)<br>Halawani, D., et al. J. Neurosci. 30(17):6132-6142(2010)<br>Kim, M.S., et al. APMIS 118(4):308-312(2010)<br>Yoo, N.J., et al. Tumori 96(1):138-142(2010)                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GI #                        | 14916483                                        |
| NCBI GeneID                      | 839                                             |
| NCBI Accession #                 | NP_001217.2; NP_116787.1                        |
| NCBI GenBank Nucleotide #        | NM_001226.3                                     |
| UniProt Accession #              | P55212; Q9BQE7                                  |
| Molecular Weight                 | 33310                                           |
| NCBI Official Full Name          | caspase-6 isoform alpha preproprotein           |
| NCBI Official Synonym Full Names | caspase 6, apoptosis-related cysteine peptidase |
| NCBI Official Symbol             | CASP6                                           |

|                               |              |
|-------------------------------|--------------|
| NCBI Official Synonym Symbols | MCH2         |
| NCBI Protein Information      | caspase-6    |
| UniProt Protein Name          | Caspase-6    |
| UniProt Gene Name             | <b>CASP6</b> |
| UniProt Synonym Gene Names    | MCH2; CASP-6 |
| UniProt Entry Name            | CASP6_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/polyclonal/casp6-antibody-immunohistochemistry-western-blot-elisa/285887>