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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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| | |
|------------------------------|---|
| Product Number | ARP58995_P050-Biotin |
| Product Page | www.avivasysbio.com/casp7-antibody-n-terminal-region-biotin-arp58995-p050-biotin.html |
| Name | CASP7 Antibody - N-terminal region : Biotin (ARP58995_P050-Biotin) |
| Protein Size (# AA) | 336 amino acids |
| Molecular Weight | 37kDa |
| Conjugation | Biotin |
| NCBI Gene Id | 840 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Concentration | 0.5 mg/ml |
| Gene Full Name | Caspase 7, apoptosis-related cysteine peptidase |
| Alias Symbols | MCH3, CMH-1, LICE2, CASP-7, ICE-LAP3 |
| Peptide Sequence | Synthetic peptide located within the following region: NNKNFDKVTGMGVRNGTDKDAEALFKCFRSLGFDVIVYNDSCCAKMQDLL |
| Product Format | Liquid. Purified antibody supplied in 1x PBS buffer. |
| Description of Target | 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. The precursor of this caspase is cleaved by caspase 3 and 10. It is activated upon cell death stimuli and induces apoptosis. Alternative splicing results in four transcript variants, encoding three distinct isoforms. |
| Protein Interactions | PTGES3; BAX; PARP1; SAT1; CRYAB; XIAP; RPS6KA1; CTSA; PEPD; MVD; GNS; GBP2; EEF2; CAPN1; CNDP2; GINS2; EIF4H; GZMB; ROCK1; DFFA; CASP9; CASP7; CASP3; ARHGDI1; VIM; STAT1; SPTAN1; CLSPN; PLA2G4B; RB1; UBC; BIRC2; CCT2; VCP; SP1; BIRC3; BIRC6; COPS6; TERF1; |
| Reconstitution and Storage | All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding. |
| Datasheets/Manuals | Printable datasheet for anti-CASP7 (ARP58995_P050-Biotin) antibody |
| Blocking Peptide | For anti-CASP7 (ARP58995_P050-Biotin) antibody is Catalog# AAP58995 (Previous Catalog# AAPP45742) |
| Immunogen | The immunogen is a synthetic peptide directed towards the N terminal region of human CASP7 |
| Uniprot ID | P55210 |
| Protein Name | Caspase-7 |
| Sample Type Confirmation | CASP7 is supported by BioGPS gene expression data to be expressed in OVCAR3 |
| Protein Accession # | NP_203124 |
| Purification | Affinity Purified |
| Nucleotide Accession # | NM_033338 |
| Gene Symbol | CASP7 |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Pig, Rabbit, Zebrafish |
| Application | WB |

| | |
|---|---|
| Predicted Homology Based on Immunogen Sequence | Cow: 100%; Dog: 100%; Goat: 93%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 86%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100% |
| Image 1 |  |

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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