

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

HEXA Rabbit anti-Human Polyclonal (aa431-480) Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                             |
|-----------|--------|------------|----------------------------------------------------------|
| AAA162571 | Rabbit | Human      | Western Blot, Immunohistochemistry, Immunohistochemistry |

### PRODUCT SYNONYMS

HEXA; Polyclonal Antibody; HEXA Rabbit anti-Human Polyclonal (aa431-480) Antibody; IHC-plus HEXA Antibody (aa431-480); Hexosaminidase subunit A; TSD; anti-HEXA antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                 |
| Reactivity                                     | Human                                                                                                                                                                                                                                                                                                                  |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                             |
| Specificity                                    | Human HEXA                                                                                                                                                                                                                                                                                                             |
| Purity/Purification                            | Immunoaffinity purified                                                                                                                                                                                                                                                                                                |
| Form/Format                                    | PBS, 0.09% sodium azide, 2% sucrose                                                                                                                                                                                                                                                                                    |
| Concentration                                  | 0.5mg/ml (varies by lot)                                                                                                                                                                                                                                                                                               |
| Applicable Applications for anti-HEXA antibody | WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)                                                                                                                                                                                                                                              |
| Target                                         | Human HEXA                                                                                                                                                                                                                                                                                                             |
| Immunogen                                      | Synthetic peptide located between aa431-480 of human HEXA (P06865, NP_000511). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Pig (100%); Rat, Sheep, Bovine, Bat, Rabbit, Horse (92%); Galago, Elephant, Guinea pig, Zebra finch (85%); Hamster, Dog, Xenopus (84%). |
| Conjugation                                    | Unconjugated                                                                                                                                                                                                                                                                                                           |
| Epitope                                        | aa431-480                                                                                                                                                                                                                                                                                                              |
| Preparation and Storage                        | Short term: Store at 2-8 degree C. Long term: Aliquot and store at -20 degree C. Avoid freeze/thaw cycles.                                                                                                                                                                                                             |

### IMAGES



#### IHC (Immunohistochemistry)

HEXA Antibody-Anti-HEXA antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.



#### WB (Western Blot)

HEXA Antibody-HEXA antibody Western blot of Fetal Kidney lysate. Antibody concentration 1 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                              |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HEXA antibody | HEXA antibody is an unconjugated rabbit polyclonal antibody to HEXA (aa431-480) from human. It is reactive with human, mouse, dog and other species. Validated for IHC and WB. Tested on 20 paraffin-embedded human tissues. |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| NCBI GI #                        | 189181666                                                 |
| NCBI GeneID                      | 3073                                                      |
| NCBI Accession #                 | NP_000511.2                                               |
| NCBI GenBank Nucleotide #        | NM_000520                                                 |
| UniProt Accession #              | P06865; Q53HS8; Q6AI32; B4DKE7; E7ENH7                    |
| Molecular Weight                 | 19,326 Da                                                 |
| NCBI Official Full Name          | beta-hexosaminidase subunit alpha isoform 2 preproprotein |
| NCBI Official Synonym Full Names | hexosaminidase subunit alpha                              |
| NCBI Official Symbol             | HEXA                                                      |
| NCBI Official Synonym Symbols    | TSD                                                       |
| NCBI Protein Information         | beta-hexosaminidase subunit alpha                         |
| UniProt Protein Name             | Beta-hexosaminidase subunit alpha                         |
| UniProt Gene Name                | HEXA                                                      |
| UniProt Synonym Gene Names       | Hexosaminidase subunit A                                  |
| UniProt Entry Name               | HEXA_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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