

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

HEXB Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA285484</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

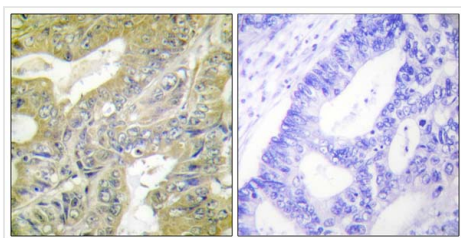
### PRODUCT SYNONYMS

HEXB; Polyclonal Antibody; HEXB Antibody; Beta-hexosaminidase subunit beta; Beta-N-acetylhexosaminidase subunit beta; Hexosaminidase subunit B; Cervical cancer proto-oncogene 7 protein; HCC-7; N-acetyl-beta-glucosaminidase subunit beta; Beta-hexosaminidase subunit beta chain B; Beta-hexosaminidase subunit beta chain A; anti-HEXB antibody

### PRODUCT SPECIFICATIONS

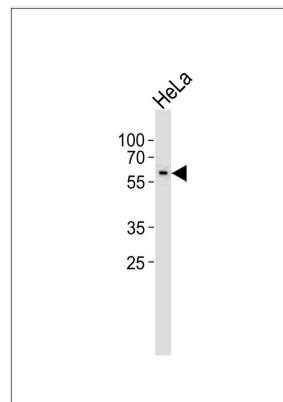
|                                                |                                                                                                                                                        |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                 |
| Reactivity                                     | Human                                                                                                                                                  |
| Clonality                                      | Polyclonal                                                                                                                                             |
| Purity/Purification                            | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                              |
| Form/Format                                    | Rabbit IgG 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 Positions                             | 505-531                                                                                                                                                |
| Sequence Length                                | 556                                                                                                                                                    |
| Applicable Applications for anti-HEXB antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                   |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                      |
| 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. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using HEXB antibody.



#### WB (Western Blot)

Western blot analysis of lysate from HeLa cell line, using HEXB Antibody (AAA285484). AAA285484 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HEXB antibody | Responsible for the degradation of GM2 gangliosides, and a variety of other molecules containing terminal N-acetyl hexosamines, in the brain and other tissues.                                                                                                                                                                   |
| Product Categories/Family for anti-HEXB antibody   | Metabolism; Signal Transduction                                                                                                                                                                                                                                                                                                   |
| References                                         | Korneluk R.G.,et al.J. Biol. Chem. 261:8407-8413(1986).<br>Neote K.,et al.Genomics 3:279-286(1988).<br>Proia R.L.,et al.Proc. Natl. Acad. Sci. U.S.A. 85:1883-1887(1988).<br>Kim J.W.,et al.Submitted (MAY-2001) to the EMBL/GenBank/DDBJ databases.<br>Kalnine N.,et al.Submitted (AUG-2003) to the EMBL/GenBank/DDBJ databases. |

NCBI AND UNIPROT INFORMATION

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| NCBI GI #                        | 4504373                                                  |
| NCBI GeneID                      | 3074                                                     |
| NCBI Accession #                 | NP_000512.1                                              |
| NCBI GenBank Nucleotide #        | NM_000521.3                                              |
| UniProt Accession #              | P07686                                                   |
| Molecular Weight                 | 63111                                                    |
| NCBI Official Full Name          | beta-hexosaminidase subunit beta isoform 1 preproprotein |
| NCBI Official Synonym Full Names | hexosaminidase B (beta polypeptide)                      |
| NCBI Official Symbol             | HEXB                                                     |
| NCBI Official Synonym Symbols    | ENC-1AS; HEL-248                                         |
| NCBI Protein Information         | beta-hexosaminidase subunit beta                         |
| UniProt Protein Name             | Beta-hexosaminidase subunit beta                         |
| UniProt Gene Name                | HEXB                                                     |
| UniProt Synonym Gene Names       | Hexosaminidase subunit B; HCC-7                          |
| UniProt Entry Name               | HEXB_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hexb-antibody-immunohistochemistry-western-blot-elisa/285484>