

## Rabbit UKHC Polyclonal Antibody | anti-UKHC antibody

UKHC antibody

|                               |                       |                                                           |
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| CATALOG #<br><b>AAA107787</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry</b> |
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### PRODUCT SYNONYMS

UKHC; Polyclonal Antibody; UKHC antibody; Polyclonal UKHC; Anti-UKHC; kinesin-1 heavy chain; kinesin 1 (110-120kD); KIF5B; conventional kinesin heavy chain; KNS; kinesin heavy chain; ubiquitous kinesin heavy chain; KNS1; kinesin family member 5B; KINH; anti-UKHC antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                       |
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| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                            |
| Isotype                                        | IgG                                                                                                                                                                                                                                                                                                                                                                                   |
| Purity/Purification                            | UKHC antibody was purified by antigen-affinity chromatography                                                                                                                                                                                                                                                                                                                         |
| Form/Format                                    | Supplied as a concentrated solution containing 1X PBS, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.                                                                                                                                                                                                                                                           |
| Concentration                                  | 0.4 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                             |
| Applicable Applications for anti-UKHC antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                                                                         |
| Biological Significance                        | UKHC is a member of kinesin-like protein family. This family of proteins are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies with the Xenopus homolog suggests its essential role in metaphase chromosome alignment and maintenance. |
| Cross-Reactivity                               | Human                                                                                                                                                                                                                                                                                                                                                                                 |
| Immunogen                                      | UKHC antibody was raised in rabbit using a synthetic peptide corresponding to a region within amino acids 901 and 963 of UKHC                                                                                                                                                                                                                                                         |
| Preparation and Storage                        | Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.                                                                                                                                                                                                                                               |

### IMAGES


**WB (Western Blot)**

Western blot analysis of 30 ug of whole cell lysate (A: 293T; B: A431; C: H1299) using a 15 % SDS PAGE gel and UKHC antibody at a dilution of 1:1500


**IHC (Immunohistochemistry)**

Immunohistochemical staining of paraffin-embedded Breast ca using UKHC antibody at a dilution of 1:500

### ADDITIONAL INFORMATION

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| Related Product Information for anti-UKHC antibody | Affinity purified Rabbit polyclonal UKHC antibody |
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Product Categories/Family for anti-UKHC antibody

DNA & RNA; Purified Polyclonal Antibodies

## NCBI AND UNIPROT INFORMATION

Molecular Weight

110 kDa

**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/ukhc-antibody-western-blot-immunohistochemistry-elisa/107787>