bs-2750R **[Primary Antibody]**

Aurora C Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 6795 **SWISS:** Q9UQB9

Target: Aurora C

Immunogen: KLH conjugated synthetic peptide derived from human Aurora C: 51-150/344.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a member of the Aurora subfamily of serine/threonine protein kinases. The encoded protein is a chromosomal passenger protein that forms complexes with Aurora-B and inner centromere proteins and may play a role in organizing microtubules in relation to centrosome/spindle function during mitosis. This gene is overexpressed in several cancer cell lines, suggesting an involvement in oncogenic signal transduction. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]

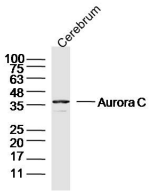
Applications: **WB** (1:500-2000)

Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Horse)

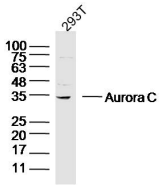
Predicted MW.: 36 kDa

Subcellular Location: Cytoplasm ,Nucleus

VALIDATION IMAGES



Sample: Cerebrum(Mouse)Lysate at 40 ug Primary: Anti-Aurora C(bs-2750R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution Predicted band size: 36kD Observed band size: 36kD



Sample: 293T (Human)Cell Lysate at 40 ug Primary: Anti-Aurora C(bs-2750R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution Predicted band size: 36kD Observed band size:35 kD

SELECTED CITATIONS

- **[IF=2.829]** Lotte Eijkenboom. et al. Purging human ovarian cortex of contaminating leukaemic cells by targeting the mitotic catastrophe signalling pathway. 2021 Mar 16 WB ;Human. 33725274
- **[IF=2.829]** Lotte Eijkenboom. et al. Purging human ovarian cortex of contaminating leukaemic cells by targeting the mitotic catastrophe signalling pathway. 2021 Mar 16 IHC ;Human. 33725274