

## Axin 2 Recombinant Rabbit mAb

Catalog: BS45560

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The Axin-related protein, Axin2, presumably plays an important role in the regulation of the stability of beta-catenin in the Wnt signaling pathway, like its rodent homologs, mouse conductin/rat axil. In mouse, conductin organizes a multiprotein complex of APC (adenomatous polyposis of the colon), beta-catenin, glycogen synthase kinase 3-beta, and conductin, which leads to the degradation of beta-catenin. Apparently, the deregulation of beta-catenin is an important event in the genesis of a number of malignancies. The AXIN2 gene has been mapped to 17q23-q24, a region that shows frequent loss of heterozygosity in breast cancer, neuroblastoma, and other tumors. Mutations in this gene have been associated with colorectal cancer with defective mismatch repair. [provided by RefSeq, Jul 2008]

### Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

### Molecular Weight:

94 kDa

### Swiss-Prot:

Q9Y2T1

### Purification&Purity:

Affinity Purification

### Applications:

WB: 1:1000&lt;br /&gt;IHC: 1:20&lt;br /&gt;ICC/IF: 1:20

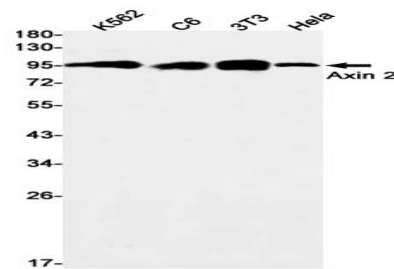
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot detection of Axin 2 in K562, C6, 3T3, HeLa cell lysates using Axin 2 antibody(1:1000 diluted).

### Note:

For research use only, not for use in diagnostic procedure.

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