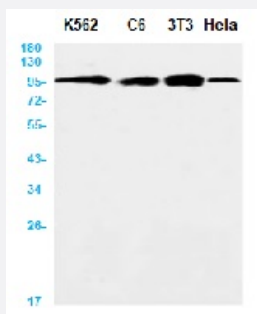


RecomAb™

AXIN2 recombinant monoclonal antibody, clone R06-3A8

Catalog # RAB01575 Size 100 uL

Applications



Western Blot

Western blot analysis of Axin 2 in K562, C6, 3T3, HeLa lysates using human Axin 2 recombinant monoclonal antibody, clone R06-3A8 (Cat # RAB01575).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human Axin 2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human Axin 2
Theoretical MW (kDa)	Calculated MW: 94 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Axin 2 in K562, C6, 3T3, Hela lysates using human Axin 2 recombinant monoclonal antibody, clone R06-3A8 (Cat # RAB01575).

Gene Info — AXIN2

Entrez GeneID

[8313](#)

Protein Accession#

[Q9Y2T1](#)

Gene Name

AXIN2

Gene Alias

AXIL, DKFZp781B0869, MGC10366, MGC126582

Gene Description

axin 2

Omim ID

[114500 604025 608615](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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]

Other Designations

conductin

Pathway

- [Basal cell carcinoma](#)

- [Colorectal cancer](#)
- [Endometrial cancer](#)
- [Pathways in cancer](#)
- [Wnt signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Dental Enamel Hypoplasia](#)
- [Depressive Disorder](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hirschsprung Disease](#)
- [Lung Neoplasms](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)

- [Pancreatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Retinoblastoma](#)
- [Tooth Abnormalities](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)