# **AXIN2 Rabbit pAb**

Catalog No.: A17021 4 Publications



### **Basic Information**

#### **Observed MW**

110kDa

### **Calculated MW**

94kDa

#### Category

Polyclonal Antibody

### **Applications**

WB, ELISA

### **Cross-Reactivity**

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.

# **Recommended Dilutions**

WB 1:500 - 1:2000

**ELISA** 

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

### **Immunogen Information**

**Gene ID**8313

Swiss Prot
Q9Y2T1

### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

### **Synonyms**

AXIL; ODCRCS; AXIN2

### **Contact**

www.abclonal.com

### **Product Information**

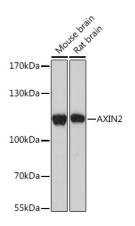
SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

### Validation Data



Western blot analysis of various lysates using AXIN2 Rabbit pAb (A17021) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000  $\,$ 

dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.