

Anti-AXIN2 antibody

Cat. No.	ml221962
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-AXIN2 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human AXIN2
Reactivity	Human, Mouse, Rat
Content	0.1 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	AXIN2
Full name	axin 2

Synonyms AXIL; ODCRCS

Swissprot Q9Y2T1

Target 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.

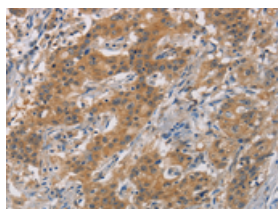
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human gasrtic cancer

Recommended dilution: 25-100

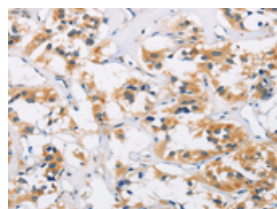


The image is immunohistochemistry of paraffin-embedded Human gasrtic cancer tissue using ml221962(AXIN2 Antibody) at dilution 1/20. (Original magnification: ×200)

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 25-100



The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml221962(AXIN2 Antibody) at dilution 1/20. (Original magnification: ×200)

Western blotting

Predicted band size:94 kDa

Positive control:Mouse brain tissue

Recommended dilution: 200-1000

Gel: 6%SDS-PAGE

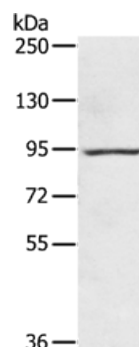
Lysate: 40 μg

Lane: Mouse brain tissue

Primary antibody: ml221962(AXIN2 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds



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订购热线: 4008-898-798

ELISA

Recommended dilution: 1000-2000

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