

Rabbit anti-Human AXIN1 Polyclonal Antibody | anti-AXIN1 antibody

AXIN1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283724	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

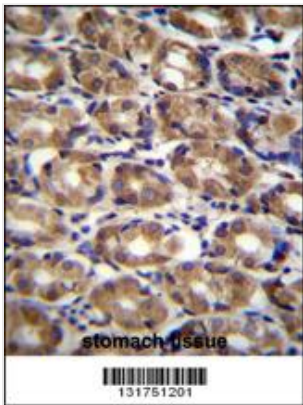
PRODUCT SYNONYMS

AXIN1; Polyclonal Antibody; AXIN1 Antibody (C-term); Axin-1; Axis inhibition protein 1; hAxin; AXIN; anti-AXIN1 antibody

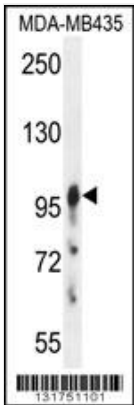
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AXIN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 710-738 amino acids from the C-terminal region of human AXIN1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	710-738
Sequence Length	862
Applicable Applications for anti-AXIN1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
AXIN1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of AXIN1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
AXIN1 Antibody (C-term) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the AXIN1 antibody detected the AXIN1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-AXIN1 antibody	This gene encodes a cytoplasmic protein which contains a regulation of G-protein signaling (RGS) domain and a dishevelled and axin (DIX) domain. The encoded protein interacts with adenomatosis polyposis coli, catenin beta-1, glycogen synthase kinase 3 beta, protein phosphatase 2, and itself. This protein functions as a negative regulator of the wingless-type MMTV integration site family, member 1 (WNT) signaling pathway and can induce apoptosis. The crystal structure of a portion of this protein, alone and in a complex with other proteins, has been resolved. Mutations in this gene have been associated with hepatocellular carcinoma, hepatoblastomas, ovarian endometriod adenocarcinomas, and medullablastomas. Two transcript variants encoding distinct isoforms have been identified for this gene.
Product Categories/Family for anti-AXIN1 antibody	Cell Biology; Signal transduction
References	Sue Ng, S., et al. Biol. Chem. 391 (2-3), 171-180 (2010) : Yang, L.H., et al. Mol. Cancer 9, 25 (2010) : Wooten, E.C., et al. PLoS ONE 5 (1), E8830 (2010) : Kameoka, M., et al. AIDS Res. Hum. Retroviruses 25(10):1005-1011(2009) Li, Q., et al. Nat. Cell Biol. 11(9):1128-1134(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	27501450
NCBI GeneID	8312
NCBI Accession #	NP_003493.1; NP_851393.1
NCBI GenBank Nucleotide #	NM_003502.3
UniProt Accession #	O15169; Q4TT26; Q4TT27; Q86YA7; Q8WVW6; Q96S28
Molecular Weight	95635
NCBI Official Full Name	axin-1 isoform a
NCBI Official Synonym Full Names	axin 1

NCBI Official Symbol	AXIN1
NCBI Official Synonym Symbols	AXIN; PPP1R49
NCBI Protein Information	axin-1
UniProt Protein Name	Axin-1
UniProt Gene Name	AXIN1
UniProt Synonym Gene Names	AXIN; hAxin
UniProt Entry Name	AXIN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/axin1-antibody-immunohistochemistry-western-blot-elisa/283724>