

Rabbit TWIST1 Polyclonal Antibody | anti-TWIST1 antibody

TWIST1 antibody - C-terminal region

CATALOG # AAA198225	HOST Rabbit	REACTIVITY Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish Tested: Human	APPLICATIONS Western Blot, Immunohistochemistry
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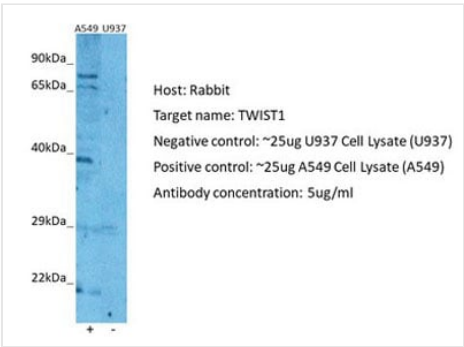
PRODUCT SYNONYMS

TWIST1; Polyclonal Antibody; TWIST1 antibody - C-terminal region; CRS; CSO; SCS; ACS3; CRS1; BPES2; BPES3; SWCOS; TWIST; bHLHa38; anti-TWIST1 antibody

PRODUCT SPECIFICATIONS

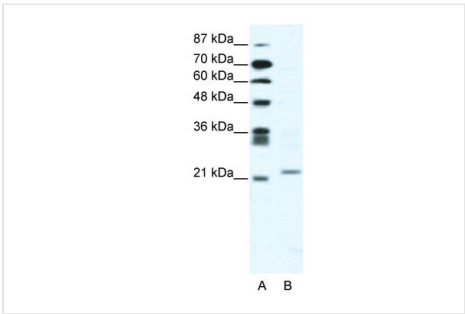
Host	Rabbit
Reactivity	Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish Tested: Human
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	1.0 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: DK LSIQITLKL ARYIDFLYQV LQSDLEDSKM ASCSYVAHER LSYAFSVW
Sequence Length	202
Applicable Applications for anti-TWIST1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Predicted Homology	Cow: 100%; Dog: 79%; Guinea Pig: 79%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 79%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human TWIST1
Protein Size	202 amino acids
Protein Size (# AA)	202 amino acids
Protein Interactions	UBC; HOXA5; ETS2; TP53; KAT2B; SETD8; HES6; MTA2; BRAP; TCF3; RELA; PPP2CA; HDAC2; CHD3; TWIST2; ELSPBP1; WDR5; HDAC3; RBBP7; CHD4; SOX2; EP300; TWIST1; GLI3; MYOD1;
Blocking Peptide	For anti-TWIST1 antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



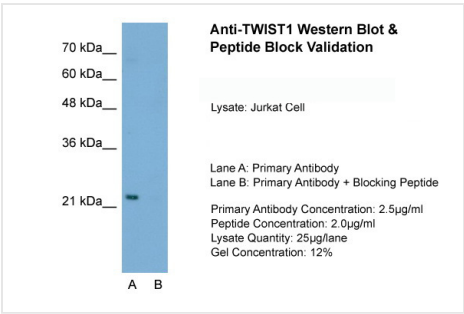
WB (Western Blot)

A549, U937Host: RabbitTarget: TWIST1Positive control (+): A549 (N03)Negative control (-): U937 (N31)Antibody concentration: 1ug/ml



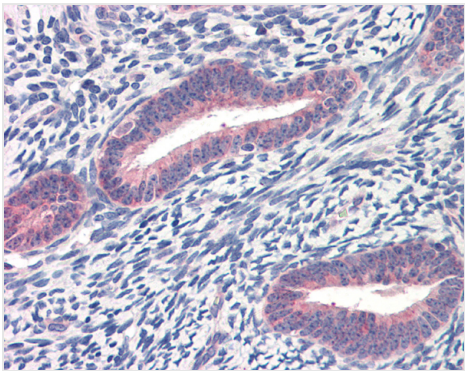
WB (Western Blot)

Human JurkatWB Suggested Anti-TWIST1 Antibody Titration: 2.5ug/mlELISA Titer: 1:1562500Positive Control: Jurkat cell lysate



WB (Western Blot)

JurkatHost: RabbitTarget Name: TWIST1Sample Type: JurkatLane A: Primary AntibodyLane B: Primary Antibody + Blocking PeptidePrimary Antibody Concentration: 2.5ug/mLPeptide Concentration: 2.0ug/mL



IHC (Immunohistochemistry)

Human Uterus

ADDITIONAL INFORMATION

Related Product Information for anti-TWIST1 antibody	This is a rabbit polyclonal antibody against TWIST1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Basic helix-loop-helix (bHLH) transcription factors have been implicated in cell lineage determination and differentiation.TWIST1 is a bHLH transcription factor and shares similarity with another bHLH transcription factor, Dermo1. The strongest expression of this mRNA is in placental tissue; in adults, mesodermally derived tissues express this mRNA preferentially. Mutations in this gene have been found in patients with Saethre-Chotzen syndrome.
Product Categories/Family for anti-TWIST1 antibody	Polyclonal; Transcription Factor; Signal Proteins; Transcription Regulation; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions; Immunohistochemistry; Acetylation; Hypoxia; Phosphorylation; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507741
NCBI GeneID	7291
NCBI Accession #	NP_000465
NCBI GenBank Nucleotide #	NM_000474
UniProt Accession #	Q15672
Molecular Weight	21kDa
NCBI Official Full Name	twist-related protein 1

NCBI Official Synonym Full Names	twist family bHLH transcription factor 1
NCBI Official Symbol	TWIST1
NCBI Official Synonym Symbols	CRS; CSO; SCS; ACS3; CRS1; BPES2; BPES3; SWCOS; TWIST; bHLHa38
NCBI Protein Information	twist-related protein 1
UniProt Protein Name	Twist-related protein 1
UniProt Gene Name	TWIST1
UniProt Synonym Gene Names	BHLHA38; TWIST; bHLHa38
UniProt Entry Name	TWST1_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/twist1-antibody-western-blot-immunohistochemistry-elisa/198225>