

Rabbit Twist1 Polyclonal Antibody | anti-Twist1 antibody

Twist1 Antibody

CATALOG # AAA303502	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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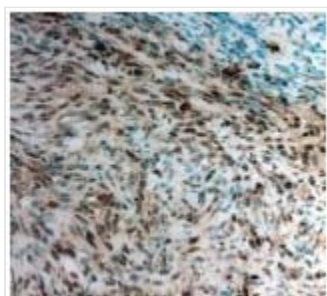
PRODUCT SYNONYMS

Twist1; Polyclonal Antibody; Twist1 Antibody; SCS; ACS3; CRS1; BPES2; BPES3; anti-Twist1 antibody

PRODUCT SPECIFICATIONS

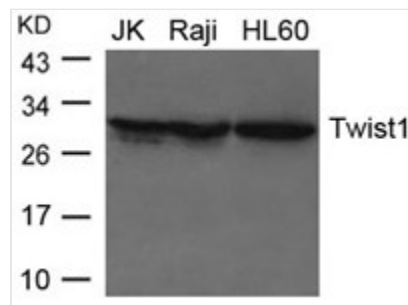
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Twist1 protein.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	202
Applicable Applications for anti-Twist1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.18~22(S-N-S-E-E) derived from Human Twist1
Target Name	Twist1
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



Application Data

Twist1 Antibody staining Twist in Mouse pancreatic cancer tissue sections by Immunohistochemistry



WB (Western Blot)

Western blot analysis of extracts from JK, Raji and HL-60 cells using Twist1 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-Twist1 antibody	Acts as a transcriptional regulator. Inhibits myogenesis by sequestering E proteins, inhibiting trans-activation by MEF2, and inhibiting DNA-binding by MYOD1 through physical interaction. This interaction probably involves the basic domains of both proteins. Also represses expression of proinflammatory cytokines such as TNFA and IL1B. Regulates cranial suture patterning and fusion. Activates transcription as a heterodimer with E proteins. Regulates gene expression differentially, depending on dimer composition. Homodimers induce expression of FGFR2 and POSTN while heterodimers repress FGFR2 and POSTN expression and induce THBS1 expression. Heterodimerization is also required for osteoblast differentiation.
Product Categories/Family for anti-Twist1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507741
NCBI GeneID	7291
NCBI Accession #	NP_000465.1
NCBI GenBank Nucleotide #	NM_000474.3
UniProt Accession #	Q15672; Q92487; Q99804; A4D128
Molecular Weight	20,954 Da
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; 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-immunohistochemistry-western-blot-elisa/303502>