

TWIST Recombinant Antibody | TWIST1 recombinant antibody

Rabbit anti-TWIST Recombinant Monoclonal Antibody [BLR156J]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213613	Rabbit	Human	Immunocytochemistry, Immunoprecipitation, Western Blot

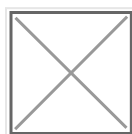
PRODUCT SYNONYMS

TWIST; Monoclonal Recombinant Antibody; Rabbit anti-TWIST Recombinant Monoclonal Antibody [BLR156J]; H-twist; twist-related protein 1; TWIST homolog of drosophila; twist homolog 1; twist basic helix-loop-helix transcription factor 1; SWCOS; CSO; B-HLH DNA binding protein; CRS1; ACS3; CRS; class A basic helix-loop-helix protein 38; BPES3; BPES2; bHLHa38; SCS; Twist-related protein 1; twist family bHLH transcription factor 1; TWIST1 recombinant antibody

PRODUCT SPECIFICATIONS

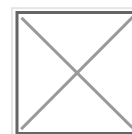
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR156J
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for TWIST1 recombinant antibody	ICC (Immunocytochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human TWIST1 by western blot. Samples: Whole cell lysate (50 ug) from SK-N-SH, HEK293T, SK-N-BE(2), HeLa, and SK-N-MC cells prepared using NETN lysis buffer. Antibody: Rabbit anti-TWIST1 recombinant monoclonal antibody (AAA213613 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-COPB2 antibody .



IP (Immunoprecipitation)

Detection of human TWIST1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from SK-N-SH cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-TWIST1 recombinant monoclonal antibody (AAA213613 lot 1) used for IP at 20 ul/mg lysate. TWIST1 was also immunoprecipitated by a second antibody against a different epitope of TWIST1 (Antibody 2). For blotting immunoprecipitated TWIST1, AAA213613 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 10 seconds.



ICC (Immunocytochemistry)

Detection of human TWIST1 in FFPE SK-N-BE(2) cells by immunocytochemistry. Antibody: Rabbit anti-TWIST1 recombinant monoclonal antibody (AAA213613 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.

ADDITIONAL INFORMATION

Related Product Information for TWIST1 recombinant antibody	TWIST1 is a basic helix-loop-helix (bHLH) transcription factor that plays an important role in embryonic development. TWIST1 forms both homodimers and heterodimers that bind to DNA E box sequences and regulate the transcription of genes involved in cranial suture closure during skull development. TWIST1 may also regulate neural tube closure, limb development and brown fat metabolism. The TWIST1 gene is hypermethylated and overexpressed in multiple human cancers, and the encoded protein promotes tumor cell invasion and metastasis, as well as metastatic recurrence. [taken from NCBI Entrez Gene (Gene ID: 7291)].
Product Categories/Family for TWIST1 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	68160957
NCBI GeneID	7291
NCBI Accession #	NP_000465.1
NCBI GenBank Nucleotide #	NM_000474
UniProt Accession #	Q15672; Q92487; Q99804; A4D128
Molecular Weight	20,954 Da
NCBI Official Full Name	Homo sapiens twist family bHLH transcription factor 1 (TWIST1), mRNA
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; B-HLH DNA binding protein; H-twist; TWIST homolog of drosophila; class A basic helix-loop-helix protein 38; twist basic helix-loop-helix transcription factor 1; twist homolog 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/monoclonal/twist-recombinant-antibody-clone-blr156j-immunocytochemistry-immunoprecipitation-western-blot-elisa/213613>