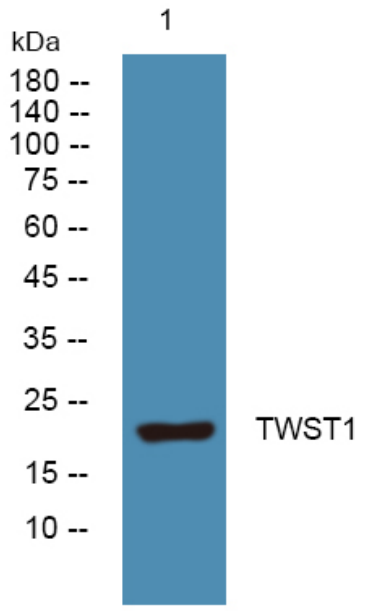
TWST1 Polyclonal Antibody

Catalog No	BYab-07769
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	TWIST1 BHLHA38 TWIST
Protein Name	Twist-related protein 1 (Class A basic helix-loop-helix protein 38) (bHLHa38) (H-twist)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TWST1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	22kD
Cell Pathway	Nucleus.
Tissue Specificity	Subset of mesodermal cells.
Function	disease:Defects in TWIST1 are a cause of Saethre-Chotzen syndrome (SCS) [MIM:101400]; also known as acrocephalosyndactyly type 3 (ACS3). SCS is a craniosynostosis syndrome characterized by coronal synostosis, brachycephaly, low frontal hairline, facial asymmetry, hypertelorism, broad halluces, and clinodactyly.,disease:Defects in TWIST1 are the cause of craniosynostosis type 1 (CRS1) [MIM:123100]. Craniosynostosis consists of premature fusion of one or more cranial sutures, resulting in an abnormal head shape.,disease:Defects in TWIST1 are the cause of Robinow-Sorauf syndrome (RSS) [MIM:180750]; also known as craniosynostosis-bifid hallux syndrome. RSS is an autosomal dominant defect characterized by minor skull and limb anomalies which is very similar to Saethre-Chotzen syndrome.,function:Probable transcription factor, which seems to be involved in the negative regulation of cellular de

Background	Basic helix-loop-helix (bHLH) transcription factors have been implicated in cell lineage determination and differentiation. The protein encoded by this gene 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. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4°over night