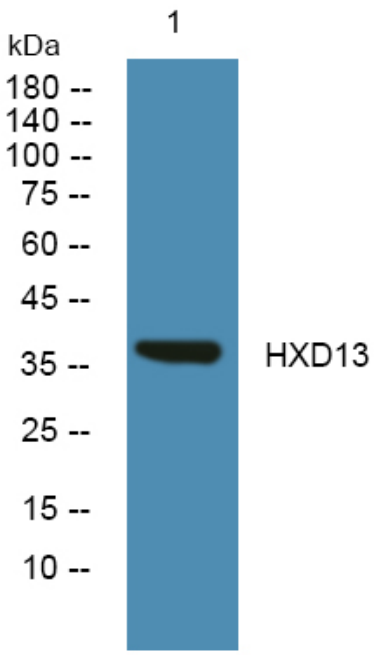
HXD13 Polyclonal Antibody

Catalog No	BYab-05660
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	HOXD13 HOX4I
Protein Name	Homeobox protein Hox-D13 (Homeobox protein Hox-4I)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	HXD13 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	37kD
Cell Pathway	Nucleus .
Tissue Specificity	
Function	caution:It is uncertain whether Met-1 or Met-9 is the initiator.,disease:Defects in HOXD13 are the cause of brachydactyly type D (BDD) [MIM:113200]. BDD is characterized by short and broad terminal phalanges of the thumbs and big toes. Inheritance is autosomal dominant.,disease:Defects in HOXD13 are the cause of brachydactyly type E (BDE) [MIM:113300]. BDE is characterized by shortening of the fingers mainly in the metacarpals and metatarsals. Inheritance is autosomal dominant.,disease:Defects in HOXD13 are the cause of brachydactyly-syndactyly syndrome (BDSD) [MIM:610713]. Most of affected individuals exhibit generalized shortening of the hands and feet, broad and short distal phalanges of the thumbs, and cutaneous syndactyly of toes 2 and 3. The limb phenotypes observed in this syndrome overlap those of brachydactyly types A4, D, E and syndactyly type 1.,disease:Defects in HOXD13 are t

Background	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located in a cluster on chromosome 2. Deletions that remove the entire HOXD gene cluster or the 5' end of this cluster have been associated with severe limb and genital abnormalities. Mutations in this particular gene cause synpolydactyly. [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 SH-SY5Y cells, primary antibody was diluted at 1:1000, 4°over night