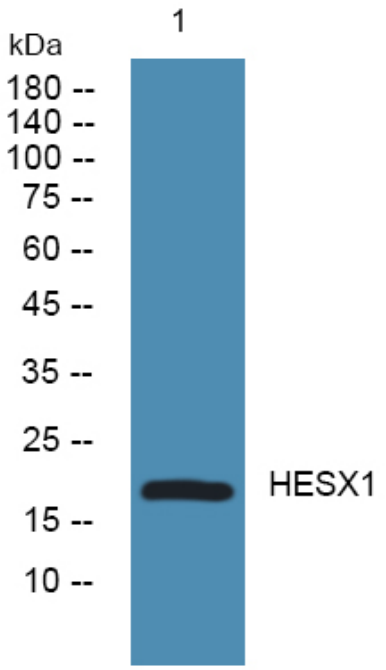
HESX1 Polyclonal Antibody

Catalog No	BYab-05641
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	HESX1 HANF
Protein Name	Homeobox expressed in ES cells 1 (Homeobox protein ANF) (hAnf)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	HESX1 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	20kD
Cell Pathway	Nucleus .
Tissue Specificity	Fibrosarcoma,Teratocarcinoma,
Function	developmental stage:Strongly expressed in Rathke pouch in seven-week-old embryo.,disease:Defects in HESX1 are a cause of septooptic dysplasia (SOD) [MIM:182230]; also known as de Morsier syndrome. SOD is a rare autosomal recessive disease. SOD is characterized by optic nerve hypoplasia, absence of the corpus callosum and hypoplasia of the pituitary gland with panhypopopituitarism.,disease:Defects in HESX1 are associated with pituitary dwarfism III [MIM:262600]; also known as combined pituitary hormone deficiency (CPHD). This syndrome is manifested by deficiencies in anterior pituitary tropic hormones.,function:Required for the normal development of the forebrain, eyes and other anterior structures such as the olfactory placodes and pituitary gland. Possible transcriptional repressor. Binds to the palindromic PIII sequence, 5'-AGCTTGAGTCTAATTGAATTAACTGTAC-3'. HESX1 and PROP1 bind as

	heter
Background	This gene encodes a conserved homeobox protein that is a transcriptional repressor in the developing forebrain and pituitary gland. Mutations in this gene are associated with septooptic dysplasia, HESX1-related growth hormone deficiency, and combined pituitary hormone deficiency. [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 HCT116 cells, primary antibody was diluted at 1:1000, 4°over night