



HOXB6 Antibody

CATALOG NUMBER: 27-330



Antibody used in WB on Human Intestine
at 0.2-1 ug/ml.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	HOXB6 antibody can be used for detection of HOXB6 by ELISA at 1:12500. HOXB6 antibody can be used for detection of HOXB6 by western blot at 1.0 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL:	1) Cat. No. XBL-10420 - Fetal Small Intestine Tissue Lysate
PREDICTED MOLECULAR WEIGHT:	25 kDa
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human HOXB6.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Antibody is purified by peptide affinity chromatography method.
PHYSICAL STATE:	Lyophilized
BUFFER:	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
CONCENTRATION:	1 mg/ml
STORAGE CONDITIONS:	For short periods of storage (days) store at 4°C. For longer periods of storage, store HOXB6 antibody at -20°C. As with any antibody avoid repeat freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	HOXB6, HOX2, HU-2, HOX2B, Hox-2.2
ACCESSION NO.:	NP_061825
PROTEIN GI NO.:	23503237

OFFICIAL SYMBOL: HOXB6

GENE ID: 3216

Background

BACKGROUND: HOXB6 belongs to the homeobox family. 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 HOXB genes located in a cluster on chromosome 17.

REFERENCES: 1) Sawcer, S., et al., (1996) Nat. Genet. 13 (4), 464-468.

FOR RESEARCH USE ONLY

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