

Rabbit SHOX2 Polyclonal Antibody | anti-SHOX2 antibody

SHOX2 Antibody

CATALOG # AAA319841	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

SHOX2; Polyclonal Antibody; SHOX2 Antibody; anti-SHOX2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This antibody detects endogenous levels of SHOX2 at Human/Mouse/Rat
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-SHOX2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from human SHOX2 AA range: 37-87
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

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



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

ADDITIONAL INFORMATION

Related Product Information for anti-SHOX2 antibody

This gene is a member of the homeobox family of genes that encode proteins containing a 60-amino acid residue motif that represents a DNA binding domain. Homeobox genes have been characterized extensively as transcriptional regulators involved in pattern formation in both invertebrate and vertebrate species. Several human genetic disorders are caused by aberrations in human homeobox genes. This locus represents a pseudoautosomal homeobox gene that is thought to be responsible for idiopathic short stature, and it is implicated in the short stature phenotype of Turner syndrome patients. This gene is considered to be a candidate gene for Cornelia de Lange syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2009]

NCBI AND UNIPROT INFORMATION

NCBI GI #	254750647
NCBI GeneID	6474
NCBI Accession #	NP_003021.3
NCBI GenBank Nucleotide #	NM_003030.4
UniProt Accession #	O60902; O60465; O60467; O60903
Molecular Weight	34,953 Da
NCBI Official Full Name	short stature homeobox protein 2 isoform b
NCBI Official Synonym Full Names	short stature homeobox 2
NCBI Official Symbol	SHOX2
NCBI Official Synonym Symbols	OG12; SHOT; OG12X
NCBI Protein Information	short stature homeobox protein 2; OTTHUMP00000213397; OTTHUMP00000213398; OTTHUMP00000213399; homeobox protein Og12X; SHOX homologous gene on chromosome 3; paired-related homeobox protein SHOT
UniProt Protein Name	Short stature homeobox protein 2
UniProt Gene Name	SHOX2
UniProt Synonym Gene Names	OG12X; SHOT
UniProt Entry Name	SHOX2_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/polyclonal/shox2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/319841>