

Datasheet for ABIN2777838
anti-SHOX antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SHOX
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Dog, Rat, Pig, Cow, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHOX antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SHOX
Sequence:	EELTAFVSKS FDQKSKDGNG GGGGGGGKKD SITYREVLES GLARSRELGT
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 82%, Horse: 93%, Human: 100%, Mouse: 82%, Pig: 100%, Rat: 82%, Zebrafish: 90%
Characteristics:	This is a rabbit polyclonal antibody against SHOX. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SHOX
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Target Details

Alternative Name:	SHOX (SHOX Products)
Background:	<p>This gene belongs to the paired homeobox family and is located in the pseudoautosomal region 1 (PAR1) of X and Y chromosomes. Defects in this gene are associated with idiopathic growth retardation and in the short stature phenotype of Turner syndrome patients. This gene is highly conserved across species from mammals to fish to flies. This gene belongs to the paired homeobox family and is located in the pseudoautosomal region 1 (PAR1) of X and Y chromosomes. Defects in this gene are associated with idiopathic growth retardation and in the short stature phenotype of Turner syndrome patients. This gene is highly conserved across species from mammals to fish to flies. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.</p> <p>Alias Symbols: GCFX, PHOG, SHOXY, SS</p> <p>Protein Interaction Partner: CSNK2A1,</p> <p>Protein Size: 292</p>
Molecular Weight:	32 kDa
Gene ID:	6473
NCBI Accession:	NM_000451 , NP_000442
UniProt:	O15266

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 292 AA
Restrictions:	For Research Use only

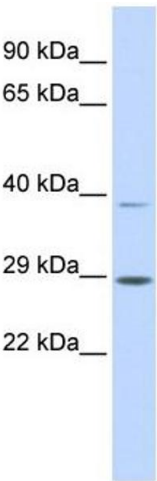
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-SHOX Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human brain