

Datasheet for ABIN571120
anti-HOXA1 antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	HOXA1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HOXA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	HOXA1
Immunogen:	C-QPATYQTSGN
Sequence:	QPATYQTSGN
Isotype:	IgG
Specificity:	This antibody is expected to recognize reported isoforms a and b (NP_005513.1, NP_705873.2).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

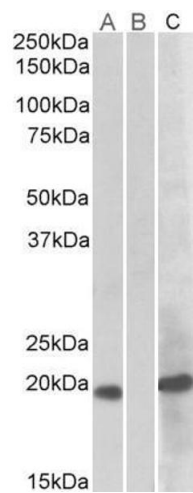
Target:	HOXA1
Alternative Name:	HOXA1 (HOXA1 Products)
Background:	HOXA1, homeobox A1, BSAS, HOX1, HOX1F, MGC45232, HOX A1 homeodomain protein, Hox 1.6-like protein, homeo box A1, homeobox 1F, homeobox protein HOX-A1, lab-like protein
Gene ID:	3198, 15394, 25607
NCBI Accession:	NP_005513 , NP_705873
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	Western Blot: In transfected HEK293 transiently expressing Human HOXA1 (MYC and DYKDDDDK tagged), a band of approx. 19 kDa is observed. No bands are observed in mock-transfected HEK293 and the same band is observed using anti-MYC Tag antibody. Recommende Peptide ELISA: antibody detection limit dilution 1:8000.
Comment:	Purchase the +ve control! The transfected lysate used in QC is available for sale. Please email sales@everestiotech.com to request datasheet, pricing and delivery information.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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 Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human HOXA1 (RC222721) with C-terminal MYC tag probed with ABIN571120 (1ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with ABIN571120 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.