

Datasheet for ABIN2780563
anti-FOXH1 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	FOXH1
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Cow, Pig, Rabbit, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXH1 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 FOXH1
Sequence:	MGPCSGSRLG PPEAESPSQP PKRRKKRYLR HDKPPYTYLA MIALVIQAAP
Predicted Reactivity:	Cow: 86%, Guinea Pig: 79%, Horse: 92%, Human: 100%, Pig: 83%, Rabbit: 79%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against FOXH1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FOXH1
Alternative Name:	FOXH1 (FOXH1 Products)

Target Details

Background:	FOXH1 encodes a human homolog of Xenopus forkhead activin signal transducer-1. FOXH1 protein binds SMAD2 and activates an activin response element via binding the DNA motif TGT(G/T)(T/G)ATT. Alias Symbols: FAST-1, FAST1 Protein Interaction Partner: ELAC2, SMAD2, TCF12, TCF3, SMAD3, FOXG1, DRAP1, SMAD4, NKX2-5, TGIF1, Protein Size: 365
Molecular Weight:	39 kDa
Gene ID:	8928
NCBI Accession:	NM_003923 , NP_003914
UniProt:	O75593
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling

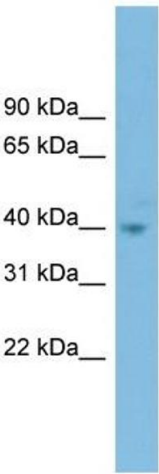
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 365 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 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.



Western Blotting

Image 1. WB Suggested Anti-FOXH1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HT1080 cell lysate