

Datasheet for ABIN2787517
anti-HOXD12 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	HOXD12
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Guinea Pig, Horse, Goat, Zebrafish (Danio rerio), Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXD12 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human HOXD12
Sequence:	AELENEFLVN EFINRQKRKE LSNRLNLSAQ QVKIWFQNRK MKKKRVVLRE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 85%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 82%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against HOXD12. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HOXD12
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Target Details

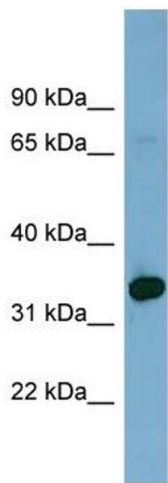
Alternative Name:	HOXD12 (HOXD12 Products)
Background:	<p>HOXD12 belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters,</p> <p>Alias Symbols: HOX4H</p> <p>Protein Interaction Partner: TRAF1, CREBBP, MAFF, MAFG, MEIS1, MAFB, MAFK, MAF,</p> <p>Protein Size: 279</p>
Molecular Weight:	30 kDa
Gene ID:	3238
NCBI Accession:	NM_021193 , NP_067016
UniProt:	P35452

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 279 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.

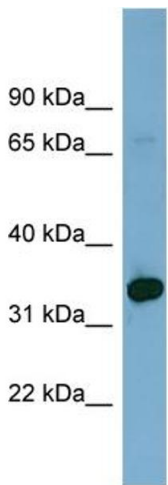


Western Blotting

Image 1. WB Suggested Anti-HOXD12 Antibody Titration:

0.2-1 ug/ml

Positive Control: COLO205 cell lysate



Rabbit Anti-HOXD12 Antibody
Catalog Number: ARP58025
Lot Number: QC24471
Lane: COLO205 Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-HOXD12

Antibody Titration: 0.2-1 µg/mL

Positive Control: COLO205 cell lysate