

Datasheet for ABIN2779870
anti-Mesp2 antibody (C-Term)[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	Mesp2
Binding Specificity:	C-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Mesp2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of mouse MESP2
Sequence:	SCQRLQPQPQ PQPQWGCWGH DAEVLSTSED QGSSPALQLP VASPTPSSGL
Predicted Reactivity:	Mouse: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against MESP2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	Mesp2
Alternative Name:	MESP2 (Mesp2 Products)

Target Details

Background:	<p>Somite boundaries formed during embryogenesis, at the interface between Notch1-activated and -repressed domains. Genetic and biochemical studies indicate that this interface is generated by suppression of Notch activity by mesoderm posterior 2 (Mesp2) through induction of the Lunatic fringe gene (Lfng). It is proposed that the oscillation of Notch activity is arrested and translated in the wavefront by Mesp2.</p> <p>Alias Symbols: bHLHc6</p> <p>Protein Interaction Partner: Lfng,</p> <p>Protein Size: 370</p>
Molecular Weight:	41 kDa
Gene ID:	17293
NCBI Accession:	NM_008589 , NP_032615
UniProt:	O08574

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 370 AA
Restrictions:	For Research Use only

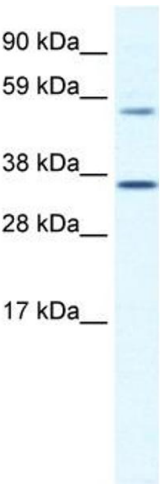
Handling

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.

Publications

Product cited in: Huang, Ma, Li, Yu, Zhang, Wei, Jin, Xu, Gao, Huang: "NF-κB1 inhibits c-Myc protein degradation through suppression of FBW7 expression." in: **Oncotarget**, Vol. 5, Issue 2, pp. 493-505, (2014) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-MESP2 Antibody Titration: 1.25ug/ml ELISA Titer: 1:62500 Positive Control: SP2/0 cell lysate