

Datasheet for ABIN389159
anti-Msx2/Hox8 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	Msx2/Hox8 (Msx2)
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Msx2/Hox8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Msx2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human Msx2.
Clone:	RB10529
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Msx2/Hox8 (Msx2)
Alternative Name:	Msx2 (Msx2 Products)
Background:	Msx2 is a transcriptional repressor whose normal activity may establish a balance between

Target Details

survival and apoptosis of neural crest-derived cells required for proper craniofacial morphogenesis. This protein may also have a role in promoting cell growth under certain conditions and may be an important target for the RAS signaling pathways. Mutations in the Msx2 gene are associated with parietal foramina 1 and craniosynostosis type 2.

Molecular Weight: 28897

Gene ID: 4488

NCBI Accession: [NP_002440](#)

UniProt: [P35548](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

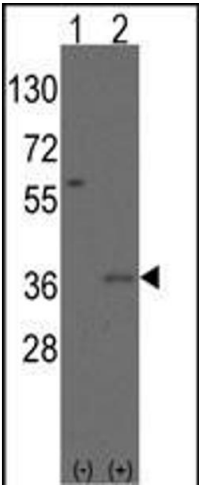
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of Msx2 (arrow) using rabbit polyclonal Msx2 Antibody (Human N-term) (ABIN389159 and ABIN2839325). 293 cell lysates (2 μ g/lane) either nontransfected (Lane 1) or transiently transfected with the Msx2 gene (Lane 2) (Origene Technologies).