

## Msx-2 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP05637
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from the Internal region of human Msx-2.
<b>Mol wt</b>	28867
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Msx-2 Antibody
<b>Synonyms</b>	MSX2; HOX8; Homeobox protein MSX-2; Homeobox protein Hox-8

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

MSX2 encodes a member of the muscle segment homeobox gene family. The encoded protein is a transcriptional repressor whose normal activity may establish a balance between survival and apoptosis of neural crest-derived cells required for proper craniofacial morphogenesis. The encoded 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 MSX2 are associated with parietal foramina 1 and craniosynostosis type 2.

### Recommended Dilution

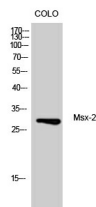
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 20000

Not yet tested in other applications.

### Images



Western Blot analysis of CoLo cells using Msx-2 Polyclonal Antibody

### Storage

-20°C for one year