

# MESP2 Rabbit pAb

Catalog No.: A10353

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

42kDa

### Category

Primary antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human

## Background

This gene encodes a member of the bHLH family of transcription factors and plays a key role in defining the rostrocaudal patterning of somites via interactions with multiple Notch signaling pathways. This gene is expressed in the anterior presomitic mesoderm and is downregulated immediately after the formation of segmented somites. This gene also plays a role in the formation of epithelial somitic mesoderm and cardiac mesoderm. Mutations in the MESP2 gene cause autosomal recessive spondylocostal dystosis 2 (SCD02).

## Recommended Dilutions

**WB** 1:500 - 1:2000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

145873

### Swiss Prot

Q0VG99

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

SCD02; bHLHc6; MESP2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.