

MEOX1 Polyclonal antibody

Catalog Number: 18190-1-AP

Basic Information

Catalog Number:

18190-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12910

GenBank Accession Number:

BC069474

GeneID (NCBI):

4222

UNIPROT ID:

P50221

Full Name:

mesenchyme homeobox 1

Calculated MW:

254 aa, 28 kDa

Observed MW:

28-35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB : mouse brain tissue, mouse liver tissue, rat brain tissue, rat liver tissue

Background Information

MEOX1 (mesenchyme homeobox 1), also known as KFS2. It is expected to be located in nucleus and cytoplasm, and the protein is enriched in the adipose tissue, breast and heart muscle. The protein may play a role in the molecular signaling network regulating somite development. Mesodermal transcription factor that plays a key role in so mitogenesis and is specifically required for sclerotome development. Required for maintenance of the sclerotome polarity and formation of the cranio-cervical joints (PMID: 23290072, 24073994). The molecular weight of MEOX1 is 28 kDa, and it can recognize the band of 35 kDa (PMID:29678882).

Storage

Storage:

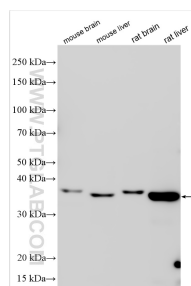
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 18190-1-AP (MEOX1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.