

# MORC2 Polyclonal antibody

Catalog Number: 23202-1-AP

## Basic Information

**Catalog Number:**

23202-1-AP

**Size:**

650 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG19605

**GenBank Accession Number:**

BC136782

**GeneID (NCBI):**

22880

**UNIPROT ID:**

Q9Y6X9

**Full Name:**

MORC family CW-type zinc finger 2

**Calculated MW:**

970 aa, 111 kDa

**Observed MW:**

118 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB : HeLa cells, MCF-7 cells

## Background Information

MORC2 is essential for epigenetic silencing by the HUSH (human silencing hub) complex. It can be recruited by HUSH to target site in heterochromatin. MORC2 also recruits histone deacetylases, such as HDAC4, to promoter regions, causing local histone H3 deacetylation and transcriptional repression of genes.

## Storage

**Storage:**

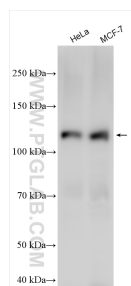
Store at -20°C. Stable for one year after shipment.

**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 23202-1-AP (MORC2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.