

TASOR Polyclonal antibody

Catalog Number: 30188-1-AP

Basic Information

Catalog Number:

30188-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32757

GenBank Accession Number:

NM_001112736.1

GeneID (NCBI):

23272

UNIPROT ID:

Q9UK61

Full Name:

chromosome 3 open reading frame 63

Calculated MW:

189 kDa

Observed MW:

189 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, HepG2 cells, Jurkat cells

Background Information

TASOR, also known as FAM208A or C3orf63, is the central subunit of the human silencing hub (HUSH) complex. HUSH regulates deposition of the epigenetic mark H3K9me3. TASOR has a catalytically-inactive PARP domain which is necessary for targeted H3K9me3 deposition (PMID: 33009411). TASOR and the RNA deadenylase CCR4-NOT complex scaffold CNOT1 synergistically repress HIV proviral expression (PMID: 35013187). TASOR affects the genome stability during the cellular division and also interacts with methylation complex in adult tissues (PMID: 34272044).

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

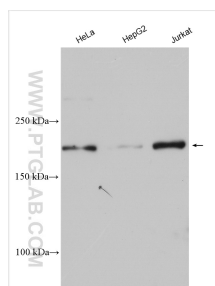
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30188-1-AP (TASOR antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.