

# L3MBTL2 Polyclonal antibody

Catalog Number: 24435-1-AP

## Basic Information

**Catalog Number:**

24435-1-AP

**Size:**

300 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG19571

**GenBank Accession Number:**

BC017191

**GeneID (NCBI):**

83746

**UNIPROT ID:**

Q969R5

**Full Name:**

l(3)mbt-like 2 (Drosophila)

**Calculated MW:**

705 aa, 79 kDa

**Observed MW:**

95-100 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB : U2OS cells,

## Background Information

L3MBTL2 (Lethal (3) malignant brain tumor like 2) is a member of the MBT-domain proteins, which are involved in transcriptional repression and implicated in chromatin compaction. L3MBTL2 was most highly expressed in pachytene spermatocytes within the testis (PMID: 30760872). In addition, mutations in L3MBTL2 are prevalent in various cancers including leukemia, a disease characterized by alterations in multiple DNA repair proteins (PMID: 29581593).

## Storage

**Storage:**

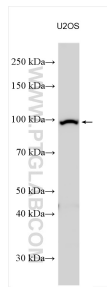
Store at -20°C. Stable for one year after shipment.

**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 24435-1-AP (L3MBTL2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.