RBM27 Polyclonal antibody

Catalog Number:31850-1-AP

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Basic Information

Catalog Number:
31850-1-AP

Size:
150ul , Concentration: 350 ug/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG35822

GenBank Accession Number:
NM_018989

GeneID (NCBI):
54439

UNIPROT ID:
Q9P2N5

Full Name:
RNA binding motif protein 27

Calculated MW:
119 kDa

Observed MW:
140 kDa

Purification Method:
Antigen affinity Purification

Recommended Dilutions:
WB 1:1000-1:5000
IF/ICC 1:50-1:500

Applications

Tested Applications:
WB, IF/ICC, ELISA

Species Specificity:
human

Positive Controls:
WB : HeLa cells, Hela cell, jurkat cell, K-562 cell

IF/ICC : U2OS cells,

Background Information

RBM27 has been identified as a candidate autism gene, and is present in cytoplasmic and and nuclear speckles. RBM27 encodes a protein containing an RNA-Binding Motif, which confers its ability to bind RNA. Therefore, RBM27 is important in mRNA processing and the turnover of nuclear polyadenylate (pA+) RNA.

Storage

Storage:
Store at -20℃. 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
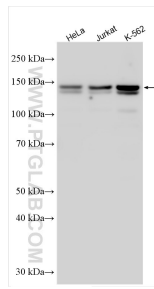
*** 20ul sizes contain 0.1% BSA

Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 31850-1-AP (RBM27 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.
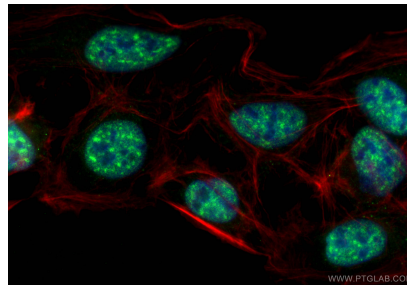
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using RBM27 antibody (31850-1-AP) at dilution of 1:200 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).