

PUM2 Polyclonal Antibody

Catalog number: 11586-1-AP

Size: 23 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

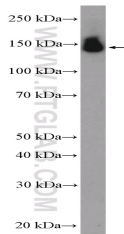
PUM2; FLJ36528, KIAA0235,

PUM2, PUMH2, Pumilio 2,

Pumilio homolog 2, pumilio

homolog 2 (*Drosophila*),

PUML2



mouse testis tissue were subjected to SDS PAGE followed by western blot with 11586-1-AP (PUM2 Antibody) at dilution of 1:600

Background

PUM2 (Human Pumilio homology protein 2), a member of the PUF protein family, binds to 3' untranslated regions (3' UTRs) of mRNA and to repress gene expression by controlling cytoplasmic polyadenylation and affecting mRNA translation [PMID:12459267]. When translationally dormant, PUM2, CPEB (CPE-binding protein) and Maskin form a complex on maternal cyclin B1 mRNA, precluding the formation of the active translation initiation complex [PMID:15687499]. PUM2 has been found to play a role in the mammalian nervous system, in particular in regulating morphology, arborization and excitability of neuronal dendrites [PMID:22016787].

Applications

Tested applications:	ELISA, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated PUM2 MW:	114 kDa
Observed PUM2 MW:	140 kDa
Positive WB detected in	Mouse testis tissue
Recommended dilution:	WB: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2179
GenBank accession number:	BC024218
Gene ID (NCBI):	23369
Full name:	Pumilio homolog 2 (<i>Drosophila</i>)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.