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Pumilio 1 Rabbit pAb

ABclonal Technology
www.abclonal.com

Catalog No.: A13389

Basic Information

Observed MW
126kDa

Calculated MW
126kDa

Category
Mouse Monoclonal Antibody

Applications
WB,IF/ICC,ELISA

Cross-Reactivity
Human,Mouse

Background

This gene encodes a member of the PUF family, evolutionarily conserved RNA-binding proteins related to the Pumilio proteins of Drosophila and the fem-3 mRNA binding factor proteins of C. elegans. The encoded protein contains a sequence-specific RNA binding domain comprised of eight repeats and N- and C-terminal flanking regions, and serves as a translational regulator of specific mRNAs by binding to their 3' untranslated regions. The evolutionarily conserved function of the encoded protein in invertebrates and lower vertebrates suggests that the human protein may be involved in translational regulation of embryogenesis, and cell development and differentiation. Alternatively spliced transcript variants encoding different isoforms have been described.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID
9698

Swiss Prot
Q14671

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1-130 of human Pumilio 1 (NP_055491.1).

Synonyms
PUMH; HSPUM; PUMH1; PUML1; SCA47; Pumilio 1

Contact

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Product Information

Source
Rabbit
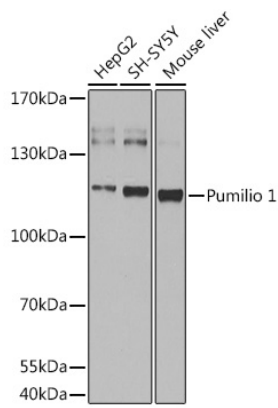
Isotype
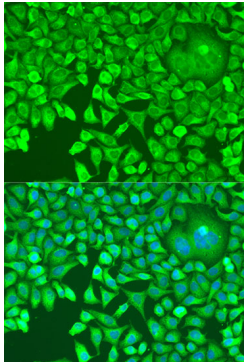IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data

Western blot analysis of extracts of various cell lines, using Pumilio 1 antibody (A13389) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.

Immunofluorescence analysis of U2OS cells using Pumilio 1 antibody (A13389) at dilution of 1:100. Blue: DAPI for nuclear staining.