

PCID1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP59113

Specification

PCID1 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F,

IF.

Primary Accession Q7L2H7

Reactivity Rat, Pig, Cow

Host Rabbit
Clonality Polyclonal
Calculated MW 42503

PCID1 Polyclonal Antibody - Additional Information

Gene ID 10480

Other Names

Eukaryotic translation initiation factor 3 subunit M {ECO:0000255|HAMAP-Rule:MF_03012}, eIF3m {ECO:0000255|HAMAP-Rule:MF_03012}, Fetal lung protein B5, hFL-B5, PCI domain-containing protein 1, EIF3M {ECO:0000255|HAMAP-Rule:MF_03012}, HFLB5, PCID1

Format

0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PCID1 Polyclonal Antibody - Protein Information

Name EIF3M

{ECO:0000255|HAMAP-Rule:MF 03012}

Synonyms HFLB5, PCID1

Function



Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis (PubMed:17403899, PubMed:25849773, PubMed:27462815). The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1. eIF-1A, eIF-2:GTP:methionyl-tRNAi and eIF-5 to form the 43S pre-initiation complex (43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation (PubMed:17403899). The eIF-3 complex specifically targets and initiates translation of a subset of mRNAs involved in cell proliferation, including cell cycling, differentiation and apoptosis, and uses different modes of RNA stem-loop binding to exert either translational activation or repression (PubMed:25849773).

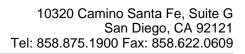
Cellular Location
Cytoplasm
{ECO:0000255|HAMAP-Rule:MF 03012}.

Tissue LocationBroadly expressed...

PCID1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation





Flow CytometyCell Culture