

**PCID1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP59113****Specification**

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**PCID1 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF
Primary Accession	<a href="#">Q7L2H7</a>
Reactivity	Rat, Pig, Bovine
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), 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:<a href="http://www.uniprot.org/citations/17403899" target="\_blank">17403899</a>, PubMed:<a href="http://www.uniprot.org/citations/25849773" target="\_blank">25849773</a>, PubMed:<a href="http://www.uniprot.org/citations/27462815" target="\_blank">27462815</a>). 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:<a href="http://www.uniprot.org/citations/17403899" target="\_blank">17403899</a>). 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:<a href="http://www.uniprot.org/citations/25849773" target="\_blank">25849773</a>).

**Cellular Location**

Cytoplasm {ECO:0000255|HAMAP-Rule:MF\_03012}.

**Tissue Location**

Broadly expressed..

**PCID1 Polyclonal Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**PCID1 Polyclonal Antibody - Images**