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Datasheet for ABIN5008467

anti-Eukaryotic Translation Initiation Factor 3, Subunit M (EIF3M) antibody (Alexa Fluor 680)

Overview

| | |
|--------------|---|
| Quantity: | 100 µL |
| Target: | Eukaryotic Translation Initiation Factor 3, Subunit M (EIF3M) |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | Alexa Fluor 680 |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human PCID1 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | Eukaryotic Translation Initiation Factor 3, Subunit M (EIF3M) |
| Alternative Name: | PCID1 (EIF3M Products) |
| Target Type: | Viral Protein |
| Background: | Synonyms: B5 receptor, Dendritic cell protein, e3m, E3M_HUMAN, Eukaryotic translation initiation factor 3 subunit M, Fetal lung protein B5, FLJ29030, GA17, hfl B5, hFL-B5, PCI domain |

Target Details

containing 1 herpesvirus entry mediator, PCI domain-containing protein 1, PCID1.

Background: Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. 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 preinitiation 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 posttermination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. May favor virus entry in case of infection with herpes simplex virus 1 (HSV1) or herpes simplex virus 2 (HSV2).

Gene ID: 10480

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months