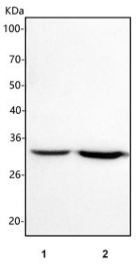
# ICMT Antibody / Protein-S-isoprenylcysteine O-methyltransferase (RQ8661)

| Catalog No. | Formulation | Size |
|---|---|---|
| RQ8661 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 days |
| **Species Reactivity** | Human, Rat |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity chromatography |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose |
| **UniProt** | O60725 |
| **Applications** | Western blot: 1-2ug/ml<br>ELISA: 0.1-0.5ug/ml |
| **Limitations** | This ICMT antibody is available for research use only. |




Western blot testing of 1) rat brain and 2) rat C6 cell lysate with ICMT antibody. Predicted molecular weight ~32 kDa.

## Description

Protein-S-isoprenylcysteine O-methyltransferase is an enzyme that in humans is encoded by the ICMT gene. This gene encodes the third of three enzymes that posttranslationally modify isoprenylated C-terminal cysteine residues in certain proteins and target those proteins to the cell membrane. This enzyme localizes to the endoplasmic reticulum. Alternative splicing may result in other transcript variants, but the biological validity of those transcripts has not been determined.

## Application Notes

Optimal dilution of the ICMT antibody should be determined by the researcher.

## Immunogen

An E.coli-derived human recombinant protein (amino acids E13-L284) was used as the immunogen for the ICMT antibody.

## Storage

After reconstitution, the ICMT Antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.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