

## **INMT Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP56349

## **Specification**

# **INMT Polyclonal Antibody - Product Information**

Application IHC-P, IHC-F, IF, ICC, E
Primary Accession 095050

Primary Accession

Host

Clonality

Calculated MW

O95050

Rabbit

Polyclonal

28891

### **INMT Polyclonal Antibody - Additional Information**

#### **Gene ID** 11185

## **Other Names**

Indolethylamine N-methyltransferase, Indolamine N-methyltransferase, 2.1.1.49, 2.1.1.96, Aromatic alkylamine N-methyltransferase, Amine N-methyltransferase, Arylamine N-methyltransferase, TEMT, INMT

### **Dilution**

<span class ="dilution\_IHC-P">IHC-P~~N/A</span><br \><span class
="dilution\_IHC-F">IHC-F~~N/A</span><br \><span class
="dilution\_IF">IF~~1:50~200</span><br \><span class ="dilution\_ICC">ICC~~N/A</span><br \><span class ="dilution\_E">E~~N/A</span>

# **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.

## **INMT Polyclonal Antibody - Protein Information**

## **Name INMT**

#### **Function**

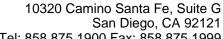
Functions as a thioether S-methyltransferase and is active with a variety of thioethers and the corresponding selenium and tellurium compounds, including 3-methylthiopropionaldehyde, dimethyl selenide, dimethyl telluride, 2-methylthioethylamine, 2- methylthioethanol, methyl-n-propyl sulfide and diethyl sulfide. Plays an important role in the detoxification of selenium compounds (By similarity). Catalyzes the N-methylation of tryptamine and structurally related compounds.

#### **Cellular Location**

Cytoplasm.

#### **Tissue Location**

Widely expressed. The highest levels were in thyroid, adrenal gland, adult and fetal lung.







Intermediate levels in heart, placenta, skeletal muscle, testis, small intestine, pancreas, stomach, spinal cord, lymph node and trachea. Very low levels in adult and fetal kidney and liver, in adult spleen, thymus, ovary, colon and bone marrow. Not expressed in peripheral blood leukocytes and brain

# **INMT Polyclonal Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

**INMT Polyclonal Antibody - Images**