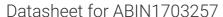
# antibodies .- online.com







# anti-Ethanolamine Kinase 2 antibody (AA 21-120) (Cy3)



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| Quantity:            | 100 μL   |
|----------------------|--|
| Target:              | Ethanolamine Kinase 2 (ETNK2)  |
| Binding Specificity: | AA 21-120  |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This Ethanolamine Kinase 2 antibody is conjugated to Cy3   |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

#### **Product Details**

| Immunogen:            | KLH conjugated synthetic peptide derived from human ETNK2/Ethanolamine kinase 2 |
|-----------------------|---|
| Isotype:              | IgG   |
| Predicted Reactivity: | Human,Mouse,Rat,Pig   |
| Purification:         | Purified by Protein A.  |

# **Target Details**

| Target:           | Ethanolamine Kinase 2 (ETNK2)   |
|-------------------|---|
| Alternative Name: | ETNK2/Ethanolamine kinase 2 (ETNK2 Products)  |
| Background:       | Synonyms: 4933417N20Rik, Al197444, EC 2.7.1.82, EKI 2, EKI2, EKI2_HUMAN, Ethanolamine |

kinase 2, Ethanolamine kinase like protein, Ethanolamine kinase-like protein, ETNK 2, ETNK2, FLJ10761, HMFT1716, RP11 74C13.2, Tuc1.

Background: Ethanolamine kinase 2, also known as EKI2, ETNK2 or HMFT1716, is a 386 amino acid protein that belongs to the choline/ethanolamine kinase family. Via the cytidine diphosphate (CDP) ethanolamine pathway, Ethanolamine kinase 2 catalyses the initial step of phosphatidylethanolamine (PtdEtn) biosynthesis. Ethanolamine kinase 2 is expressed in kidney, liver, testis, ovary and prostate, and is highly specific for ethanolamine phosphorylation. Upregulated during testis development, Ethanolamine kinase 2 may play an essential role in regulating placental hemostasis. Existing as three alternatively spliced isoforms, the gene encoding Ethanolamine kinase 2 maps to human and mouse chromosome 1. Human chromosome 1 spans 260 million base pairs, contains over 3,000 genes, comprises nearly 8 % of the human genome and houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson?s disease, Gaucher disease, schizophrenia and Usher syndrome.

Gene ID:

55224

### **Application Details**

| Application Notes: |  |
|--------------------|--|

IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 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.                                  |

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Expiry Date:

12 months