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Datasheet for ABIN5011789

anti-TNK1 antibody (AA 581-666) (AbBy Fluor® 680)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | TNK1 |
| Binding Specificity: | AA 581-666 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TNK1 antibody is conjugated to AbBy Fluor® 680 |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human TNK1 |
| Isotype: | IgG |
| Predicted Reactivity: | Human, Mouse, Rat, Cow, Horse |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | TNK1 |
| Alternative Name: | TNK1 (TNK1 Products) |
| Background: | Synonyms: CD38 negative kinase 1, EC 2.7.10.2 antibody Kinase of embryonic stem cells, Kos |

Target Details

1, Kos1, MGC46193, Non receptor tyrosine protein kinase TNK 1, Non receptor tyrosine protein kinase TNK1, Tnk 1, Tyrosine kinase non receptor 1.

Background: Tnk1 is a nonreceptor protein tyrosine kinase (NRPTK) and a new member of the Ack family of NRPTKs. Tnk1 is a ubiquitously expressed 47- kDa protein with autotyrosine kinase activity that is developmentally regulated during embryogenesis. Tnk1 is also upregulated following IL3 withdrawal from factor-dependent murine NSF/N1.H7 cells that undergo apoptosis, suggesting a role in growth inhibition. Data support a negative regulatory role for Tnk1 in regulating the Ras-Raf1-MAPK growth pathway by a mechanism that requires its autotyrosine kinase activity.

Gene ID: 8711

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.

Expiry Date: 12 months