

Datasheet for ABIN7600772

anti-MAPK11 antibody (AA 230-364)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	MAPK11
Binding Specificity:	AA 230-364
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPK11 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-MAPK11 Antibody Picoband®
Immunogen:	E.coli-derived human MAPK11 recombinant protein (Position: D230-Q364).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-MAPK11 Antibody Picoband® (ABIN7600772). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	MAPK11
Alternative Name:	MAPK11 (MAPK11 Products)
Background:	Synonyms: Histone-lysine N-methyltransferase SETD1A, Lysine N-methyltransferase 2F, SET domain-containing protein 1A, Hset1a, Set1/Ash2 histone methyltransferase complex subunit SET1, SETD1A, KIAA0339, KMT2F, SET1, SET1A Background: Mitogen-activated protein kinase 11 is an enzyme that in humans is encoded by the MAPK11 gene. This gene encodes a member of a family of protein kinases that are involved in the integration of biochemical signals for a wide variety of cellular processes, including cell proliferation, differentiation, transcriptional regulation, and development. The encoded protein can be activated by proinflammatory cytokines and environmental stresses through phosphorylation by mitogen activated protein kinase kinases (MKKs). Alternative splicing results in multiple transcript variants.
Molecular Weight:	45 kDa
Gene ID:	5600
UniProt:	Q15759
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Response to Water Deprivation , Regulation of Muscle Cell Differentiation , ER-Nucleus Signaling , Hepatitis C , Toll-Like Receptors Cascades , Signaling Events mediated by VEGFR1 and VEGFR2 , Thromboxane A2 Receptor Signaling , BCR Signaling , S100 Proteins

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 2-5 µg/mL, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Enslen, H., Raingeaud, J., Davis, R. J. Selective activation of p38 mitogen-activated protein (MAP) kinase isoforms by the MAP kinase kinases MKK3 and MKK6. J. Biol. Chem. 273: 1741-1748, 1998. 2. Jiang, Y., Chen, C., Li, Z., Guo, W., Gegner, J. A., Lin, S., Han, J. Characterization of the structure and function of a new mitogen-activated protein kinase (p38-beta). J. Biol. Chem. 271: 17920-17926, 1996. 3. Rasooly, R. S. Personal Communication. Baltimore, Md. 6/15/1998.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.01 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.