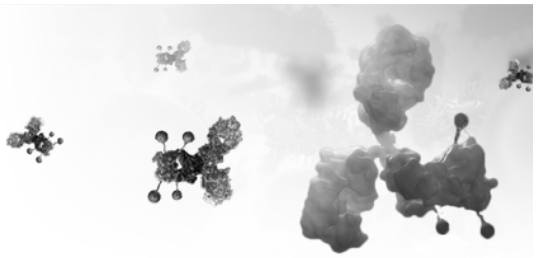

Rabbit Anti-MAP2K7 monoclonal antibody, clone TE31-98 (CABT-L785)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	MEK7
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TE31-98
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP, FC
Molecular Weight	47 kDa
Cellular Localization	Nucleus, Cytoplasm.
Positive Control	A431, SHG-44, Hela, SH-SY-5Y, rat brain tissue, rat bladder tissue, mouse bladder tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	A family of protein kinases located upstream of the MAP kinases and responsible for their activation has been identified. The prototype member of this family, designated MAP kinase kinase, or MEK-1, specifically phosphorylates the MAP kinase regulatory threonine and tyrosine residues present in the Thr-Glu-Tyr motif of ERK. A second MEK family member, MEK-2, resembles MEK-1 in its substrate specificity. MEK-3 (or MKK-3) functions to activate p38 MAP kinase, and MEK-4 (also called SEK1 or MKK-4) activates both p38 and JNK MAP kinases. MEK-5 appears to specifically phosphorylate ERK5, whereas MEK-6 phosphorylates p38 and p38b. MEK-7 (or MKK-7) phosphorylates and activates the JNK signal transduction pathway.
Keywords	c-Jun N-terminal kinase kinase 2;Dual specificity mitogen activated protein kinase kinase 7;Dual specificity mitogen-activated protein kinase kinase 7;JNK activating kinase 2;JNK kinase 2;JNK-activating kinase 2;JNKK 2;Jnkk-2;Jnkk2;MAP kinase kinase 7;MAP2K7;MAPK/ERK kinase 7;MAPKK 7;MAPKK-7;MAPKK7;MEK 7;Mitogen Activated Protein Kinase kinase 7;MKK 7;MKK-7;MKK7;MP2K7_HUMAN;PRKMK 7;PRKMK-7;PRKMK7;SAPK kinase 4;SAPKK-4;SAPKK4;Sek 2;Sek-2;Sek2;SKK4;stress-activated protein kinase kinase 4 antibody

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