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anti-MAPK7 antibody





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Overview

Quantity:	200 μL
Target:	MAPK7
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPK7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant protein of human MAPK7
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	MAPK7
Alternative Name:	ERK 5 (MAPK7 Products)
Background:	The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is specifically activated by mitogen-activated protein kinase kinase 5

Target Details

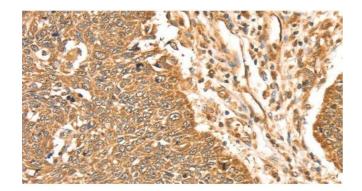
	(MAP2K5/MEK5). It is involved in the downstream signaling processes of various receptor molecules including receptor type kinases, and G protein-coupled receptors.
Molecular Weight:	88 kDa
UniProt:	Q13164
Pathways:	MAPK Signaling, Neurotrophin Signaling Pathway, Activation of Innate immune Response, cAMP Metabolic Process, Toll-Like Receptors Cascades, Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:30-1:150
Restrictions:	For Research Use only

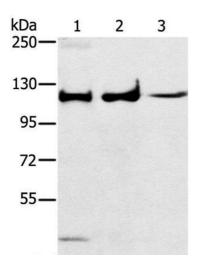
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



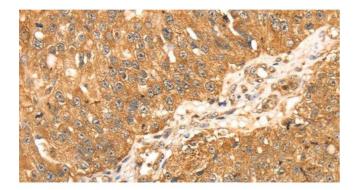
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human lung cancer using ERK 5 Polyclonal Antibody at dilution of 1:35



Western Blotting

Image 2. Western Blot analysis of Human fetal muscle tissue, A172 and K562 cell using ERK 5 Polyclonal Antibody at dilution of 1:250



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human breast cancer using ERK 5 Polyclonal Antibody at dilution of 1:35