

## MINK1 Polyclonal Antibody

<b>Catalog No :</b>	YT2764
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	MAP4K6
<b>Gene Name :</b>	MINK1
<b>Protein Name :</b>	Misshapen-like kinase 1
<b>Human Gene Id :</b>	50488
<b>Human Swiss Prot No :</b>	Q8N4C8
<b>Mouse Gene Id :</b>	50932
<b>Mouse Swiss Prot No :</b>	Q9JM52
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human MAP4K6. AA range:401-450
<b>Specificity :</b>	MINK1 Polyclonal Antibody detects endogenous levels of MINK1 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

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**Observed Band :** 150kD

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**Background :** This gene encodes a serine/threonine kinase belonging to the germinal center kinase (GCK) family. The protein is structurally similar to the kinases that are related to NIK and may belong to a distinct subfamily of NIK-related kinases within the GCK family. Studies of the mouse homolog indicate an up-regulation of expression in the course of postnatal mouse cerebral development and activation of the cJun N-terminal kinase (JNK) and the p38 pathways. [provided by RefSeq, Mar 2016],

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**Function :** catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,function:Serine/threonine kinase that may play a role in the response to environmental stress. Appears to act upstream of the JUN N-terminal pathway. May play a role in the development of the brain.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily.,similarity:Contains 1 CNH domain.,similarity:Contains 1 protein kinase domain.,tissue specificity:Expressed in the brain, isoform 2 is more abundant than isoform 1.,

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**Subcellular Location :** Cytoplasm . Cell junction, synapse, postsynaptic density . Cell projection, axon . Cell projection, dendrite .; [Isoform 4]: Golgi apparatus.

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**Expression :** Expressed in the brain, isoform 2 is more abundant than isoform 1. Isoform 3 is ubiquitously expressed. Isoform 1 is most abundant in the skeletal muscle. Isoform 4 is ubiquitously expressed with relative high levels in brain, skeletal muscle, pancreas and testis.

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**Sort :** 9646

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**No4 :** 1

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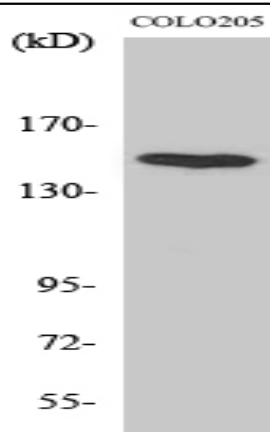
**Host :** Rabbit

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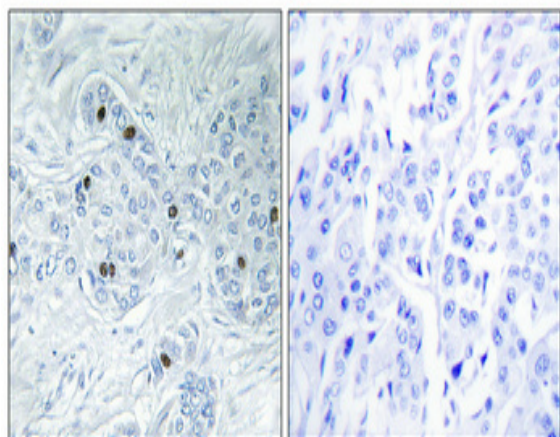
**Modifications :** Unmodified

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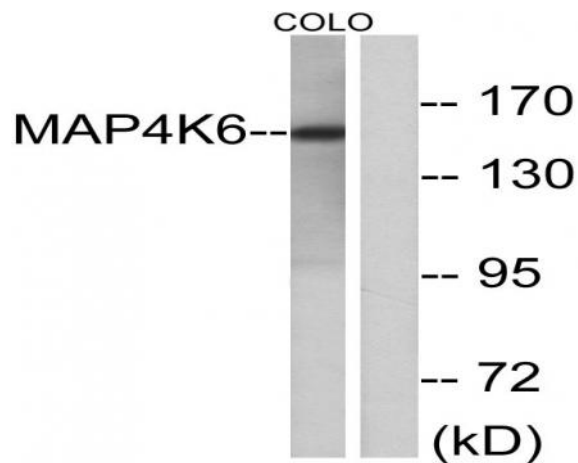
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Western Blot analysis of various cells using MINK1 Polyclonal Antibody diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western blot analysis of lysates from COLO cells, using MAP4K6 Antibody. The lane on the right is blocked with the synthesized peptide.