

## MINK1 Rabbit pAb

CatalogNo: YT2764

### Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human, Mouse

**Applications**

- WB, IHC, IF, ELISA

**MW**

- 150kD (Observed)

**Isotype**

- IgG

### Recommended Dilution Ratios

**WB 1:500-1:2000****IHC 1:100-1:300****ELISA 1:20000****IF 1:50-200**

### Storage

**Storage\***

-15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality**

Polyclonal

### Immunogen Information

**Immunogen**

The antiserum was produced against synthesized peptide derived from human MAP4K6. AA range: 401-450

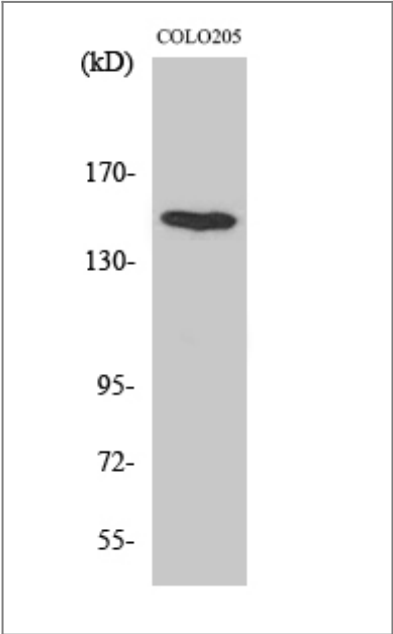
**Specificity**

MINK1 Polyclonal Antibody detects endogenous levels of MINK1 protein.

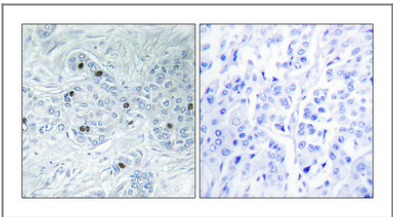
### Target Information

Gene name	MINK1		
Protein Name	Misshapen-like kinase 1		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">50488;</a>	<a href="#">Q8N4C8;</a>
	Mouse	<a href="#">50932;</a>	<a href="#">Q9JM52;</a>
Cellular Localization	Cytoplasm . Cell junction, synapse, postsynaptic density . Cell projection, axon . Cell projection, dendrite .; [Isoform 4]: Golgi apparatus.		
Tissue specificity	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.		
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.,		

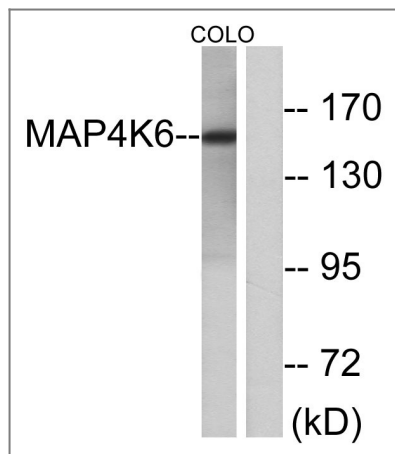
Validation Data



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 contrl (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.

## Contact information

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Please scan the QR code to access additional product information:  
**MINK1 Rabbit pAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

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