

MAPK6 Rabbit mAb
Catalog # AP75691**Specification**

MAPK6 Rabbit mAb - Product Information

Application	WB, IHC-P, IP
Primary Accession	Q16659
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	82681

MAPK6 Rabbit mAb - Additional Information**Gene ID** 5597**Other Names**
MAPK6**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A
IP~~N/A**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**MAPK6 Rabbit mAb - Protein Information****Name** MAPK6**Synonyms** ERK3, PRKM6**Function**
Atypical MAPK protein. Phosphorylates microtubule-associated protein 2 (MAP2) and MAPKAPK5. The precise role of the complex formed with MAPKAPK5 is still unclear, but the complex follows a complex set of phosphorylation events: upon interaction with atypical MAPKAPK5, ERK3/MAPK6 is phosphorylated at Ser-189 and then mediates phosphorylation and activation of MAPKAPK5, which in turn phosphorylates ERK3/MAPK6. May promote entry in the cell cycle (By similarity).**Cellular Location**
Cytoplasm. Nucleus. Note=Translocates to the cytoplasm following interaction with MAPKAPK5**Tissue Location**
Highest expression in the skeletal muscle, followed by the brain. Also found in heart, placenta,

lung, liver, pancreas, kidney and skin fibroblasts

MAPK6 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MAPK6 Rabbit mAb - Images



