

**MAPK6 Rabbit mAb**  
Catalog # AP75691**Specification**

---

**MAPK6 Rabbit mAb - Product Information**

Application	<b>WB, IHC</b>
Primary Accession	<a href="#">Q16659</a>
Reactivity	<b>Human, Mouse</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>82681</b>

**MAPK6 Rabbit mAb - Additional Information****Gene ID** 5597**Other Names**  
MAPK6**Dilution**  
WB~~1/500-1/1000  
IHC~~1/50-1/100**Format**  
Liquid**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

