

Product datasheet for **AP01240PU-N**

MAPK6 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blot: 1/500–1/1000. Immunofluorescence: 1/50–1/200. Immunohistochemistry on paraffin sections: 1/50 – 1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 442–496 of Human ERK3.
Specificity:	This antibody detects endogenous levels of ERK3 protein.
Formulation:	Phosphate buffered saline (PBS), pH~7.2 State: Aff – Purified State: Liquid purified Ig fraction (> 95% pure by SDS–PAGE). Preservative: 0.05% Sodium Azide
Concentration:	1.0 mg/ml
Purification:	Affinity Chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2–8°C for one month or (in aliquots) at –20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Predicted Protein Size:	~105 kDa
Gene Name:	mitogen-activated protein kinase 6

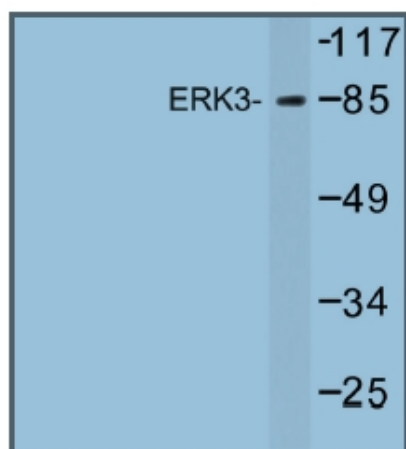


Database Link: [Entrez Gene 5597 Human](#)
[Q16659](#)

Background: ERKs (extracellular signal-regulated protein kinases) are members of the Mitogen Activated Protein Kinase (MAPK) family, which play pivotal roles in mediating signal transduction from the cell surface to the nucleus. ERKs are regulated predominantly by extracellular ligands which act through membrane transmembrane receptors with intrinsic or associated tyrosine kinase activity. Unlike the MAP kinases ERK3 is localized in the nucleus in quiescent and growth factor-stimulated cells.

Synonyms: Mitogen-activated protein kinase 6, MAP kinase isoform p97, p97-MAPK

Product images:



Western blot (WB) analysis of ERK3 antibody in extracts from K562 cells.