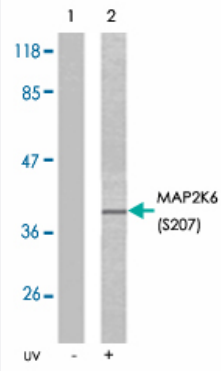
MAP2K6 (phospho S207) polyclonal antibody

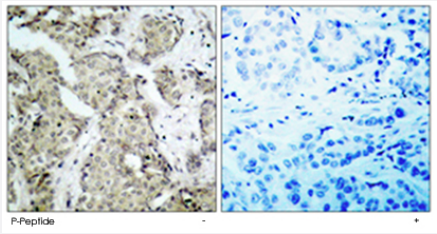
Catalog # PAB25819 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from MDA-MB-435 cells untreated or treated with UV using MAP2K6 (phospho S207) polyclonal antibody (Cat # PAB25819).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MAP2K6 (phospho S207) polyclonal antibody (Cat # PAB25819).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of MAP2K6.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S207 of human MAP2K6.
Sequence	V-D-Sp-V-A
Host	Rabbit
Theoretical MW (kDa)	41
Reactivity	Human, Rat

Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) Immunofluorescence (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of extracts from MDA-MB-435 cells untreated or treated with UV using MAP2K6 (phospho S207) polyclonal antibody (Cat # PAB25819).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MAP2K6 (phospho S207) polyclonal antibody (Cat # PAB25819).

- Immunofluorescence

Gene Info — MAP2K6

Entrez GeneID	5608
Protein Accession#	P52564
Gene Name	MAP2K6
Gene Alias	MAPKK6, MEK6, MKK6, PRKMK6, SAPKK3
Gene Description	mitogen-activated protein kinase kinase 6
Omim ID	601254

Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the dual specificity protein kinase family, which functions as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, this gene is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis. [provided by RefSeq
Other Designations	protein kinase, mitogen-activated, kinase 6 (MAP kinase kinase 6)

Pathway

- Amyotrophic lateral sclerosis (ALS)
- Fc epsilon RI signaling pathway
- GnRH signaling pathway
- MAPK signaling pathway
- Toll-like receptor signaling pathway

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Huntington disease