

Product datasheet for **TA321525**

MEK6 (MAP2K6) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human lung cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 31-297 amino acids of human mitogen-activated protein kinase kinase 6
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	mitogen-activated protein kinase kinase 6
Database Link:	NP_002749 Entrez Gene 26399 Mouse Entrez Gene 5608 Human P52564
Background:	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.



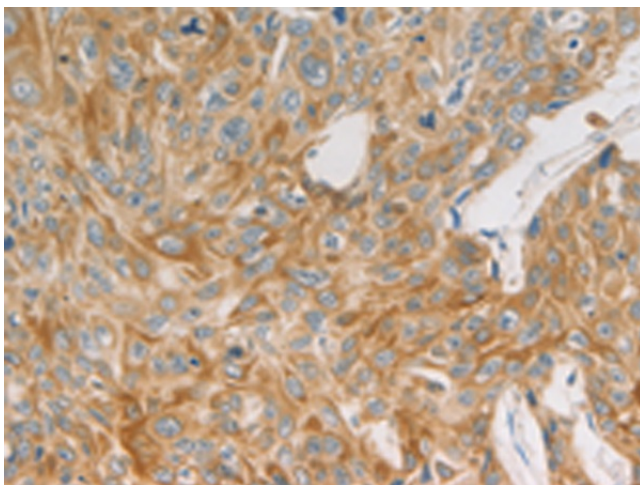
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Synonyms: MAPKK6; MEK6; MKK6; PRKMK6; SAPKK-3; SAPKK3

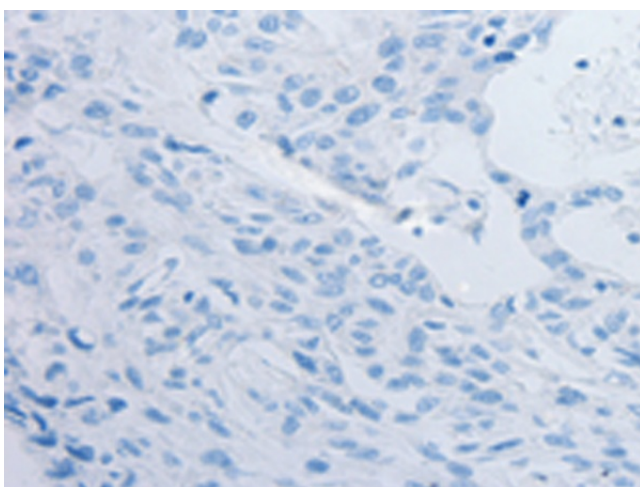
Protein Families: Druggable Genome, Protein Kinase

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

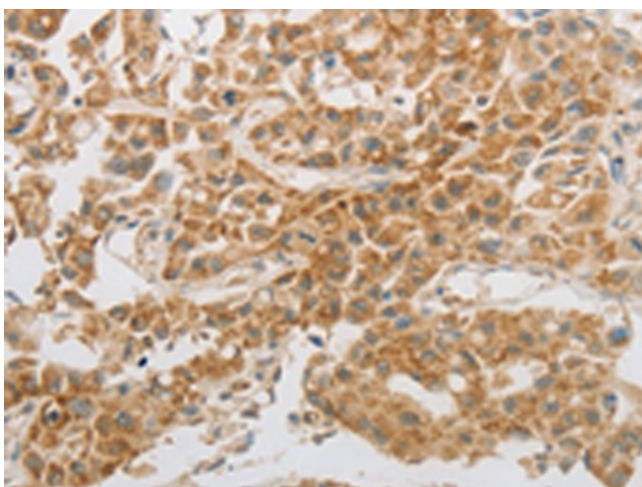
Product images:



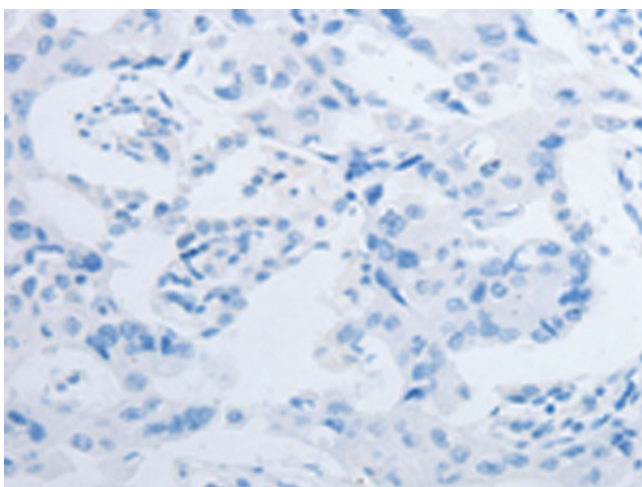
Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA321525 (MAP2K6 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA321525 (MAP2K6 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA321525 (MAP2K6 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA321525 (MAP2K6 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: ×200)