

Product datasheet for **TA350389**

SAPK3 (MAPK12) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse muscle tissue and Jurkat cells, K562 and A431 cells IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human MAPK12
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% 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.
Predicted Protein Size:	42 kDa
Gene Name:	mitogen-activated protein kinase 12
Database Link:	NP_002960 Entrez Gene 29857 Mouse Entrez Gene 60352 Rat Entrez Gene 6300 Human P53778
Background:	Activation of members of the mitogen-activated protein kinase family is a major mechanism for transduction of extracellular signals. Stress-activated protein kinases are one subclass of MAP kinases. The protein encoded by this gene functions as a signal transducer during differentiation of myoblasts to myotubes.
Synonyms:	ERK-6; ERK3; ERK6; MAPK 12; P38GAMMA; PRKM12; SAPK-3; SAPK3

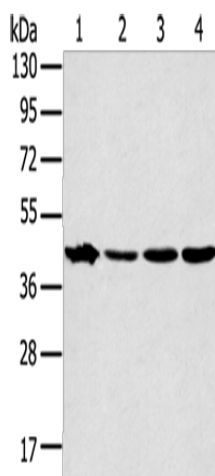


[View online »](#)

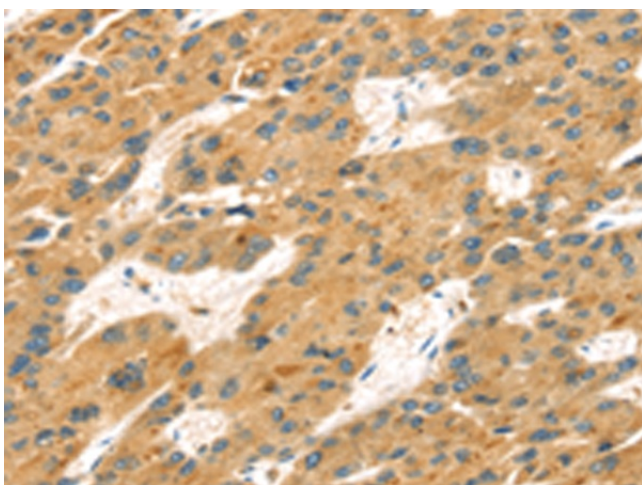
Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Amyotrophic lateral sclerosis (ALS), Epithelial cell signaling in Helicobacter pylori infection, Fc epsilon RI signaling pathway, GnRH signaling pathway, Leukocyte transendothelial migration, MAPK signaling pathway, Neurotrophin signaling pathway, NOD-like receptor signaling pathway, Oocyte meiosis, Progesterone-mediated oocyte maturation, RIG-I-like receptor signaling pathway, T cell receptor signaling pathway, Toll-like receptor signaling pathway, VEGF signaling pathway

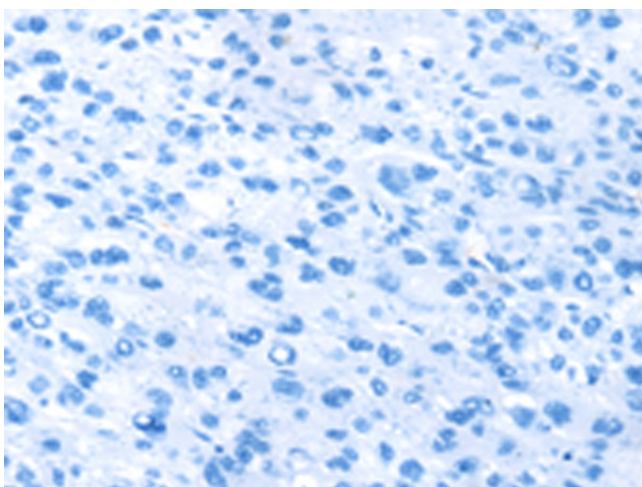
Product images:



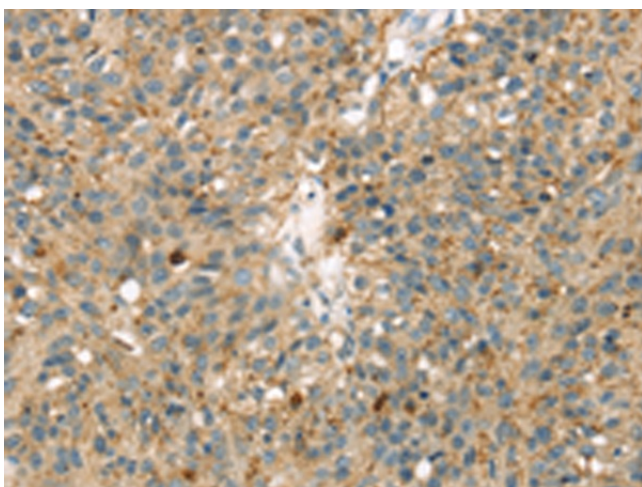
Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-4: Mouse muscle tissue
Jurkat cells
K562 cells
A431 cells
Primary antibody: TA350389 (MAPK12 Antibody)
at dilution 1/350
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 30 seconds



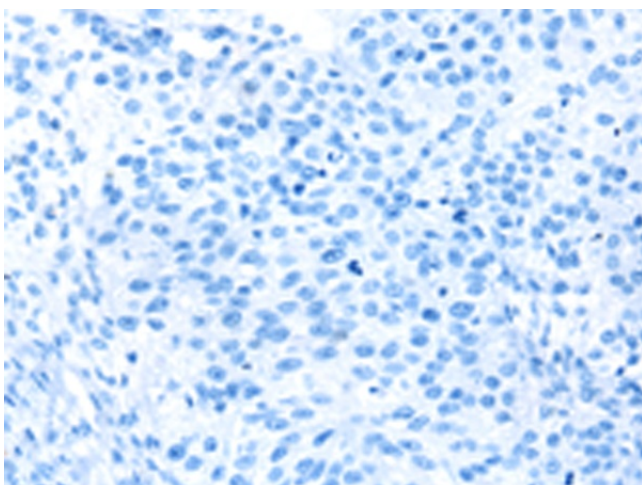
Immunohistochemistry of paraffin-embedded
Human liver cancer tissue using TA350389
(MAPK12 Antibody) at dilution 1/25 (Original
magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA350389 (MAPK12 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA350389 (MAPK12 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA350389 (MAPK12 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)