

Anti-MAPK12 / SAPK3 antibody



Catalog Number: 101120

Product name

Anti-MAPK12 / SAPK3 antibody

Immunogen

[Human MAPK12 / SAPK3 \(His & GST Tag\) recombinant protein](#)

Specificity

Human ERK3 / MAPK12 / P38-gamma

Antibody description

Rabbit polyclonal to MAPK12 / SAPK3

Preparation

Produced in rabbits immunized with purified, recombinant Human ERK3 / MAPK12 / P38-gamma (rh ERK3 / MAPK12 / P38-gamma; P53778; Met1-Leu367). ERK3 / MAPK12 / P38-gamma specific IgG was purified by Human ERK3 / MAPK12 / P38-gamma affinity chromatography.

Formulation

0.2 µm filtered solution in PBS

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IP

Dilutions

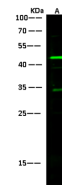
WB: 10-20 µg/ml

ELISA: 0.1-0.2 µg/ml

This antibody can be used at 0.1-0.2 µg/ml with the appropriate secondary reagents to detect Human ERK3 / MAPK12 / P38-gamma. The detection limit for Human ERK3 / MAPK12 / P38-gamma is approximately < 0.039 ng/well.

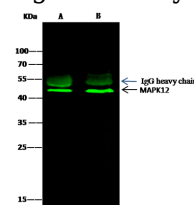
IP: 1-4 µg/mg of lysate

Validations



Lanes	A
Items	
Sample (whole cell lysate)	Jurkat
Sample Volume (µg/lane)	30
Gel	13% SDS-PAGE reducing gel
Recommended Concentration	10-20 µg/ml
Secondary Antibody	DyLight 800-labeled Antibody to Rabbit IgG (H+L), at 1:5000 dilution
Explanation	Developed using Odyssey imaging system. Predicted band size : 42 kDa Observed band size : 45 kDa Additional bands at : 24 kDa (We are unsure as to the identity of these extra bands. They are possible non-specific bindings).

ERK3 / MAPK12 / P38-gamma Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot



Lanes	A	B
Items		
Sample (whole cell lysate)	HeLa	293T
Sample quantity	0.5 mg	
IP antibody quantity	2 µg	
Protein G agarose	15 µl of 50% Protein G Agarose	
Gel	13% SDS-PAGE reducing gel	
Primary antibody	HG3C-MAPK12 antibody at 10 µg/ml	
Secondary antibody	DyLight 800-labeled antibody to rabbit IgG (H+L) at 1:5000 dilution	

ERK3 / MAPK12 / P38-gamma Antibody, Rabbit PAb, Antigen Affinity Purified, Immunoprecipitation

Anti-MAPK12 / SAPK3 antibody



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Immunochemical staining of rat B2M in rat lymph node with rabbit polyclonal antibody (0.2 µg/mL, formalin-fixed paraffin embedded sections).