p38 alpha / MAPK14 Antibody, Rabbit PAb, Antigen Affinity Purified

Catalog Number: **10081-T60**

GENERAL INFORMATION	
Immunogen:	Recombinant Human p38 alpha / MAPK14 protein (Catalog#10081-H07B)
Preparation	Produced in rabbits immunized with purified, recombinant Human p38 alpha / MAPK14 (rh p38 alpha / MAPK14; Catalog#10081-H07B; NP_620581.1; Met1-Ser360). p38 alpha / MAPK14 specific IgG was purified by Human p38 alpha / MAPK14 affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Human p38 alpha / MAPK14
Formulation:	0.2 μm filtered solution in PBS
Storage:	This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. 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.
APPLICATIONS	
Applications:	WB,ELISA,IHC-P,IP
RECOMMENDED CONCENTRATION	
IHC-P	IHC-P: 1:500-1:2000
Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP: 1-4 μL/mg of lysate
ELISA	ELISA: 1:5000-1:10000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human p38 alpha / MAPK14.

Please Note: Optimal concentrations/dilutions should be determined by the end user.

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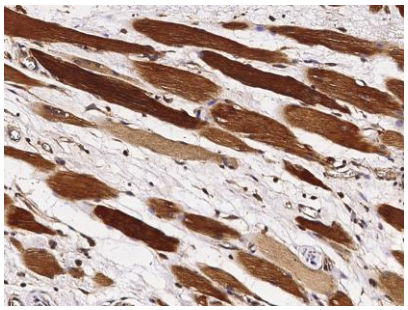
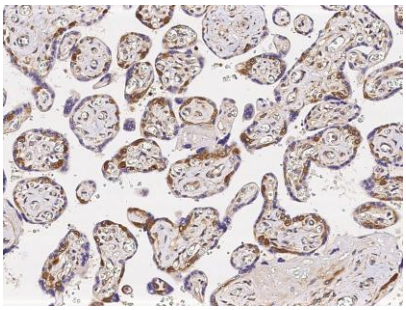
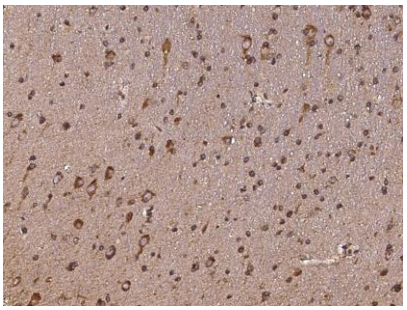


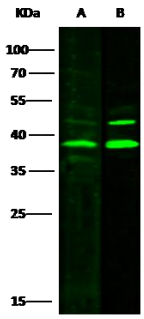
Immunochemical staining of human MAPK14 in human skeletal muscle with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



Immunochemical staining of human MAPK14 in human placenta with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



Immunochemical staining of human MAPK14 in human brain with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

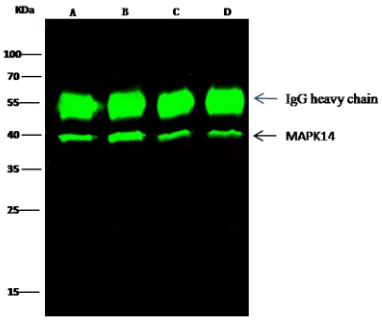


Anti-MAPK14 rabbit polyclonal antibody at 1:500 dilution
Lane A: HepG2 Whole Cell Lysate
Lane B: Jurkat Whole Cell Lysate

Lysates/proteins at 30 µg per lane.
Secondary
Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size:41 kDa
Observed band size:39 kDa



MAPK14 was immunoprecipitated using:
Lane A:0.5 mg HepG2 Whole Cell Lysate
Lane B:0.5 mg Jurkat Whole Cell Lysate
Lane C:0.5 mg 293T Whole Cell Lysate
Lane D:0.5 mg MCF-7 Whole Cell Lysate

2 µL anti-MAPK14 rabbit polyclonal antibody and 15 µl of 50 % Protein G agarose.

Primary antibody:
Anti-MAPK14 rabbit polyclonal antibody,at 1:330 dilution

Secondary antibody:
Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odssey technique.
Performed under reducing conditions.

Predicted band size: 38 kDa
Observed band size: 38 kDa