

AB-NK120-5

p38 alpha (MAPK14) Antibody

Pan-specific polyclonal antibody for monitoring the expression of human protein-serine/threonine kinase p38



KINEXUS

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Target Protein

Name Long:	Mitogen-activated protein-serine kinase p38 alpha; Mitogen-activated protein kinase 14
Alias:	CRK1; CSAID binding protein; CSBP; CSBP1; CSBP2; CSPB1; Cytokine suppressive anti-inflammatory drug binding protein; Kinase p38-alpha; MAPK14; PRKM15; p38a MAPK; SAPK2A; Mxi2; CCDS4815.1; ENSG00000112062
UniProt ID:	Q16539 - Human
Human Predicted Mass (KDa):	41.493 (360 AA; Q16539-2); 41.293 (360 AA; Q16539); 35.453 (307 AA; Q16539-4); 34.092 (297 AA; Q16539-3); 29.388 (256 AA; Q16539-5)
Observed SDS-PAGE Mass (KDa):	38-43

Immunogen

Antibody Immunogen Source:	A 20 residue synthetic peptide based on the human p38 with the cysteine residue added and coupled to KLH
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	167 Mix
Antibody Purification:	Rabbit antiserum
Amount:	25 µl
Antibody Concentration:	N/A
Lot Number:	15DE1
Storage Buffer:	Rabbit antiserum
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB, IP, IHC
Antibody Dilution Recommended:	1:5000 (ECL) (WB), 1:250 (IP)
Antibody Species Reactivity:	Human, Monkey, Mouse, Rat, Bovine, Rabbit, Pig, Canine, Hamster, Chicken, Sheep, Guinea pig
Antibody Positive Control:	A 1:5000 dilution of SPC-172 was sufficient for detection of p38 in 20 µg of HeLa cell lysate by ECL immunoblot analysis.
Target Detection Immunoblotting:	Detects a ~43 kDa protein corresponding to the molecular mass of p38 on SDS-PAGE immunoblots.
Antibody Specificity:	Very high

This product is for in vitro research use only and is not intended for use in humans or animals.

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