



MAPK5 (Ab-182) Antibody

#24102

Catalog Number: 24102-1, 24102-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : Q8IW41

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from Human MAPK5 around the non-phosphorylation site of Threonine 182

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

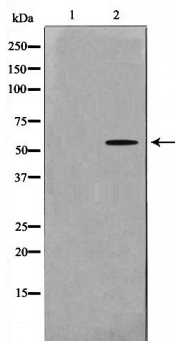
Specificity/Sensitivity: MAPK5 (Ab-182) antibody detects endogenous levels of total MAPK5 protein

Reactivity: Human, Mouse

Applications:

Predicted MW: 60kd

WB: 1:500~1:2000



Western blot analysis on K562 cell lysate using MAPK5 Antibody

Background :

The protein encoded by this gene is a member of the serine/threonine kinase family. In response to cellular stress and proinflammatory cytokines, this kinase is activated through its phosphorylation by MAP kinases including MAPK1/ERK, MAPK14/p38-alpha, and MAPK11/p38-beta. In vitro, this kinase phosphorylates heat shock protein HSP27 at its physiologically relevant sites. Two alternately spliced transcript variants of this gene encoding distinct isoforms have been reported.