## AB-NK105-4 MKK6-2 Antibody

Target Protein

Pan-specific polyclonal antibody for monitoring the expression of human dual specificity protein kinase MKK6 (MAP2K6, MEK6)



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Name Long:         MAPK/ERK protein-serine kinase 6 (MKK6); Dual specificity mitogen-activated protein kinase kinase 6 (MKK6; MAPK kinase kinase 6; MAPK/ERK kinase 6; MAPK6; MAPKK6; MKK6, Mitogen-activated protein kinase kinase 6; MP2K6; SAPKK3; CCDS 11868 1; P52564; ENSG0000108984           UniProt ID:         P52564           Sequence Predicted Mass (KDa):         37.492 (334 AA; P52564); 31.339 (278 AA; P52564-2)           Observed SDS-PAGE Mass (KDa):         37.43           Immunogen         CSKERPTYPELMQHPF           Location in Target:         Corresponds to amino acid residues S299 to F313; Kinase last alpha-chain           Peptide Type:         For pan-specific recognition of target expression levels.           Target Phosphosite:         Rabbit           Antibody Immunogen Sequence:         Immunogen Secure proteic recognition of target expression levels.           Target Phosphosite:         Not phosphorylated           Production         Immunoglobulin G           Antibody Ig lsotype Clone Lot:         Immunoglobulin G           The immunizing peptide was produced by solid phase synthesis on a multipep peptide synthesizer and purified by reverse-phase hplc chromatography. Purity was assessed by analytical hplc and the amino acid sequence confirmed by mass spectrometry analysis. This peptide was coupled to KLH prior to immunization into rabbits. New Zealand White rabbits were subcutaneously injected with KLH-couple dimunulzing peptide was coupled to KLH prior to immunization into rabbits. New Zealand White rabbits were subcutaneously injectot with KLH-couple dimunul	raigot rotoin	
Allas:Kinsse MKK6; MAP kinase kinase 6; MAPE/KER kinase 6; MAPE/K6; MKK6; MKK6; Mitogen-activated protein kinase kinase 6; MAPE/K6; SAPE/K3; CCDS11686.1; P52564; ENSG00000108944UniProt ID:P52564Sequence Predicted Mass (KDa):37.492 (334 AA; P52564); 31.339 (278 AA; P52564-2)Observed SDS-PAGE Mass (KDa):37.43ImmunogenHuman MKK6 (MAPE/K6, MEK6) sequence peptide Cat. No.: PE-01AWI99Antibody Immunogen Source:Human MKK6 (MAPE/K6, MEK6) sequence peptide Cat. No.: PE-01AWI99CostERPTYPELMQHPFCorresponds to amino acid residues S299 to F313; Kinase last alpha-chainPeptide Type:For pan-specific recognition of target expression levels.Target Phosphosite:Not phosphorylatedAntibody Isotype Clone Lot:Immunoglobulin GThe immunizing peptide was produced by solid phase synthesis on a multipep peptide synthesizer and purified by reverse-phase hplc chromatography. Purity was assessed by analytical hplc and the amino acid sequence confirmed by mass spectrometry analysis. This peptide was coupled to KLH prior to immunizing peptide was applied onto an agrose column to which the simunogen peptide was thio-linked. Antibody solution was neutralized to pH 7.0 with saturated Tris.Production Method:25 µgAntibody Concentration:1 mg/mlLot Number:26 µgAntibody Concentration:1 mg/mlLot Number:140724Storage Buffer:Phosphate buffered saline (PBS) pH7.4, 0.05% ThimerasolFor long term storage, keep frozen at -40°C or lower. Stock solution can be kept	Name Long:	
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Applications	
Product Use:	Western blotting   Antibody microarrays
Antibody Dilution Recommended:	1 µg/ml for immunoblotting
Antibody Species Reactivity:	Human, mouse, rat and many other mammals
Antibody Positive Controls:	Strong immunoreactivity with recombinant human MKK6 on protein dot blots.
Overall Antibody Specificity:	High selectivity
Antibody Cross Reactivities:	Weak immunoreactivity on protein dot blots with recombinant human MKK4, and no immunoreactivity with recombinant human MEK1 and MEK2.

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