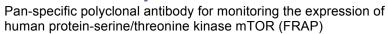
AB-NK116-2 mTOR Antibody





Address: 8755 Ash Street, Suite 1 Vancouver, British Columbia,

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Email: info@kinexus.ca Phone: 604-323-2547

Target Protein

Name Long:	Mammalian target of rapamycin (FRAP); FKBP12-rapamycin complex-associated protein
Alias:	DJ576K7.1; FK506 binding protein 12-rapamycin associated protein 1; FK506 binding protein 12-rapamycin associated protein 2; FK506-binding protein 12-rapamycin complex-associated protein 1; FKBP12-rapamycin complex-associated protein 1; FKBP-rapamycin associated protein; FLJ44809; FRAP; FRAP2; RAPT1; mTOR; CCDS127.1; ENSG00000198793
UniProt ID:	P42345
Sequence Predicted Mass (KDa):	288.892 (2549 AA; P42345)
Observed SDS-PAGE Mass (KDa):	250-300

Immunogen

Antibody Immunogen Source:	Human mTOR (FRAP) sequence
Peptide Type:	For pan-specific recognition of target expression levels.
Target Phosphosite:	Not phosphorylated

Production

Polyclonal	
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-coupled immunizing peptide every 4 weeks for 4 months. The sera from each animal was applied onto an agarose column to which the immunogen peptide was thio-linked. Antibody was eluted from the column with 0.1 M glycine, pH 2.5. Subsequently, the antibody solution was neutralized to pH 7.0 with saturated Tris.	
	25 μg
	Phosphate buffered saline (PBS) pH7.4, 0.05% Thimerasol
	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.

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Applications

Product Use:	Western blotting Antibody microarrays
Antibody Dilution Recommended:	2 μg/ml for immunoblotting
Antibody Species Reactivity:	Human, mouse, rat and many other mammals

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