

AB-NK293-1

PRKY-ANT Antibody

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



KINEXUS

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Target Protein

Protein Name Long:	Serine/threonine-protein kinase PRKY
Protein Alias:	Protein kinase, Y-linked
UniProt ID:	O43930
Protein Molecular Mass:	31,710 Da (277 AA)

Immunogen

Antibody Immunogen Source:	Synthetic peptide patterned after human PRKY
Antibody Immunogen Sequence:	CAESNSREVTEDAADWAPAL
Antibody Immunogen Description:	Corresponds to amino acid residues A12 to L30.
Antibody Target Type:	Pan-specific

Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Isotype:	IgG
Production Method:	The immunizing peptide was produced by solid phase synthesis on a multipеп 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 these animals 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.
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Storage Buffer:	Phosphate buffered saline pH 7.4, 0.05% Thimerasol
Storage Conditions:	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.
Storage Stability:	>2 years

Applications

Product Use:	Western blotting Antibody microarray
Antibody Dilution Recommended:	2 µg/ml for immunoblotting
Antibody Species Reactivity:	Human Chimpanzee Rhesus macaque

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

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