AB-NK205-3

ARaf-2 Antibody

Pan-specific polyclonal antibody for monitoring the expression of human protein-serine/threonine kinase Raf-A (ARaf)

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

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Phone: 604-323-2547

Target Protein

Name Long:	A-Raf proto-oncogene serine/threonine-protein kinase
Alias:	ARAF; A-RAF; ARAF1; A-raf-1; Kinase A-Raf; PKS; PKS2; Proto-oncogene Pks; V-raf murine sarcoma 3611 viral oncogene; RP1-230G1.1-005; RP1-230G1_1; A6NIT1; B4DMG5; Q5H9B2; Q96II5ENSG00000078061
UniProt ID:	P10398
Sequence Predicted Mass (KDa):	67.585 (606 AA; P10398); 20.904 (186 AA; P10398-2)
Observed SDS-PAGE Mass (KDa):	63-70

Immunogen

Antibody Immunogen Source:	Human Raf-A (ARaf) sequence peptide Cat. No.: PE-01ASF80
Antibody Immunogen Sequence:	CGRKTVTAWDTAIAPL
Location in Target:	Corresponds to amino acid residues G67 to L81;
Peptide Type:	For pan-specific recognition of target expression levels.
Target Phosphosite:	Not phosphorylated

Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	Immunoglobulin G
Production Method:	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.
Antibody Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	140724
Storage Buffer:	Phosphate buffered saline (PBS) pH7.4, 0.05% Thimerasol
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.

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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
Overall Antibody Specificity:	High selectivity
Antibody Cross Reactivities:	No immunoreactivity on protein dot blots with recombinant human B-Raf and Raf1.