

Goat anti-VRK2 Antibody

Item Number	dAP-3099
Target Molecule	Principle Name: VRK2; Official Symbol: VRK2; All Names and Symbols: VRK2; vaccinia related kinase 2; vaccinia virus B1R-related kinase 2; vaccinia-related kinase-2; Accession Number (s): NP_001129499.1; NP_006287.2; NP_001123954.1; NP_001123955.1; Human Gene ID(s): 7444; Non-Human GenID(s):
Immunogen	PNSQKVDSQKAATK, is from internal region This antibody is expected to recognize all isoforms (NP_001123952.1, NP_001123954.1, NP_001123955.1, NP_001129499.1). Reported variants represent identical protein: NP_001123953.1,
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	Western Blot: Approx 60kDa band observed in nuclear lysates of cell line K562 (calculated MW of 58.1kDa according to NP_001123954.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Sanz-García M, López-Sánchez I, Lazo PA. Proteomics identification of nuclear Ran GTPase as an inhibitor of human VRK1 and VRK2 (vaccinia-related kinase) activities. Molecular & cellular proteomics : MCP 2008 Nov 7 (11): 2199-214.. PMID: 18617507->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**