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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09545 - Goat Anti-VRK2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: VRK2, vaccinia related kinase 2, vaccinia virus B1R-related kinase 2, vaccinia-related kinase-2

Official Symbol: VRK2

Accession Number(s): NP_001129499.1; NP_006287.2; NP_001123954.1; NP_001123955.1

Human GeneID(s): [7444](#)

Important Comments: 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, NP_006287.2.

Immunogen

Peptide with sequence C-PNSQKVD SQKAATK, from the internal region of the protein sequence according to NP_001129499.1; NP_006287.2; NP_001123954.1; NP_001123955.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:4000.

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.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog



EB09545 (2 μ g/ml) staining of K562 nuclear lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.