

### **International Office**

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# 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-PNSQKVDSQKAATK, 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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB09545 (2µg/ml) staining of K562 nuclear lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.