



## UK Office

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