

Anti-VRK2 antibody (Internal) (STJ73321)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB
Host / Source	Goat
Reactivity	Human/Dog

PRODUCT PROPERTIES

Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:4000. WB: 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.
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

Gene ID	7444
Gene Symbol	VRK2
UniProt ID	VRK2_HUMAN
Immunogen Region	Internal
Immunogen Sequence	PNSQKVDSQKAATK
Specificity	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.

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



STJ73321 (2µg/ml) staining of K562 nuclear lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.