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

EB07333 - Goat Anti-VHL Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: VHL, von Hippel-Lindau tumor suppressor, E3 ubiquitin protein ligase, HRCA1, RCA1, VHL1, elongin binding protein, protein G7, pVHL

Official Symbol: VHL

Accession Number(s): NP_000542.1; NP_937799.1

Human GeneID(s): [7428](#)

Non-Human GeneID(s): 22346 (mouse), 24874 (rat)

Important Comments: This antibody is expected to recognise both reported isoforms (NP_000542.1 and NP_937799.1).

Immunogen

Peptide with sequence C-RSLVKPENYRRLD, from the internal region of the protein sequence according to NP_000542.1; NP_937799.1.

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 1:128000.

Western blot: Approx 17kDa band observed in Human Ovary and Testis lysates and also in lysates of Mouse and Rat Testis and Brain and of all human and mouse cell lines tested (calculated MW of 19.7kDa according to NP_937799.1). Recommended concentration: 0.01-0.03µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.

Enzyme immunoassay: Sandwich-type ELISA with increasing amount of recombinant VHL captured by a rabbit antibody. Recommended reporter concentration: 1.5-3ug/ml

Species Reactivity

Tested: Human, Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog

EB07333 (0.01µg/ml) staining of Human Ovary lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB07333 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB07333 (1.5ug/ml) as the reporter with EB002014 as the capture rabbit antibody (2.5ug/ml).