



## International Office

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

## EB05148 - Goat Anti-SET / I2 alpha PP2A Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SET, SET nuclear oncogene, 2PP2A, I2PP2A, IGAAD, IPP2A2, PHAPII, TAF-I, TAF-IBETA, LA-DR-associated protein II, OTTHUMP00000022286, SET translocation (myeloid leukemia-associated), Template-Activating Factor-I, chromatin remodelling factor, inhibitor of granzyme A-activated DNase, inhibitor-2 of protein phosphatase-2A, protein phosphatase type 2A inhibitor, template-activating factor I, HLA-DR-associated protein II

**Official Symbol:** SET

**Accession Number(s):** NP\_003002.2

**Human GeneID(s):** [6418](#)

**Important Comments:** This antibody is expected to recognize isoform 2 (NP\_003002.2).

### Immunogen

Peptide with sequence SAPAAKVSKKELNS-C, from the N Terminus of the protein sequence according to NP\_003002.2.

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 38kDa band observed in lysates of Human Kidney lysates and of cell lines Daudi and Molt4 (calculated MW of 32.1kDa according to NP\_003002.2).

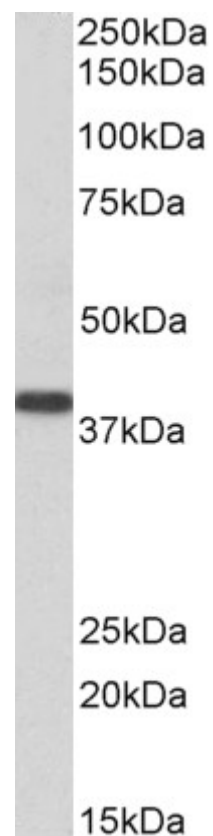
Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Kidney. Recommended concentration: 7µg/ml.

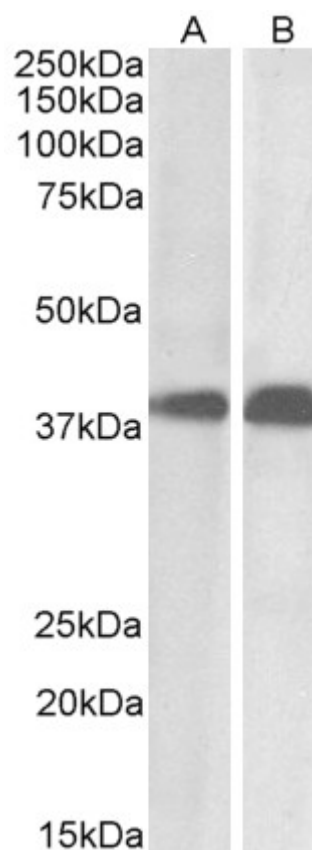
### Species Reactivity

**Tested:** Human

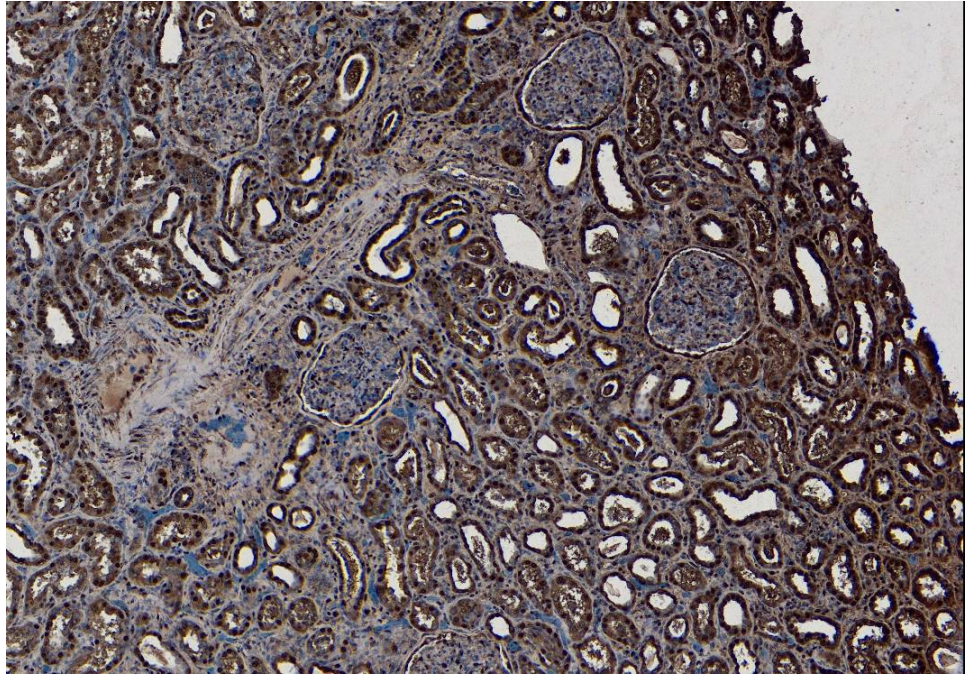
**Expected from sequence similarity:** Human, Cow



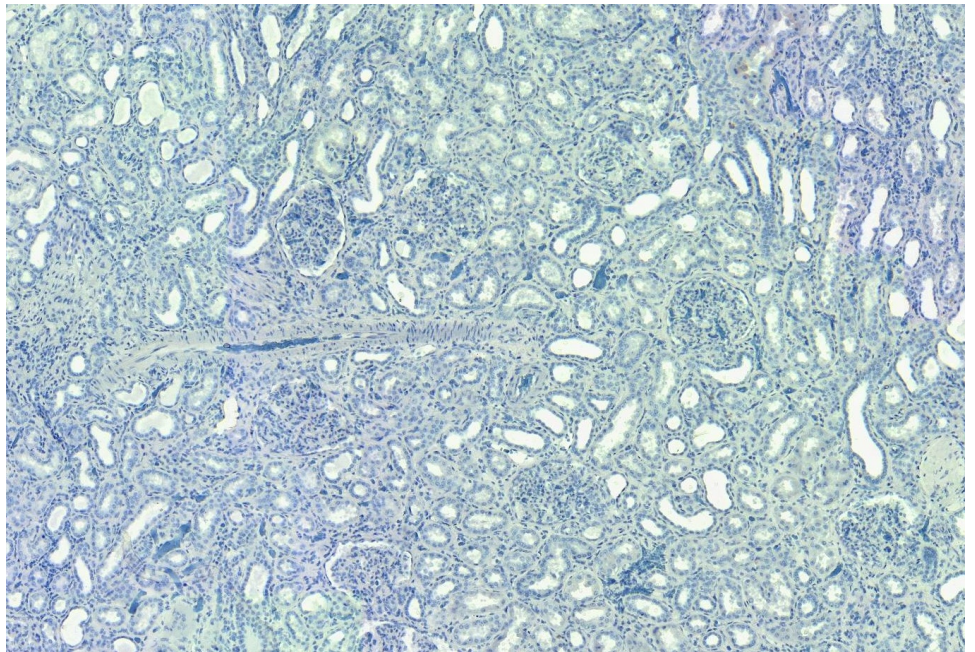
EB05148 (0.3 $\mu$ g/ml) staining of Human Kidney lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB05148 (0.01 $\mu$ g/ml) staining of Daudi (A) and Molt4 (B) cell lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB05148 (7 $\mu$ g/ml) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB05148 Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.