

#### **International Office**

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# EB08880 - Goat Anti-KIF6 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** KIF6, kinesin family member 6, C6orf102, DKFZp451I2418, MGC33317, dJ1043E3.1, dJ137F1.4, dJ188D3.1, OTTHUMP00000016349,

OTTHUMP00000039712
Official Symbol: KIF6

Accession Number(s): NP\_659464.3

Human GeneID(s): 221458

Non-Human GenelD(s): 319991 (mouse)

### **Immunogen**

Peptide with sequence C-DPDQNIHLKNLTLH, from the internal region of the protein sequence according to NP\_659464.3.

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 1:32000.

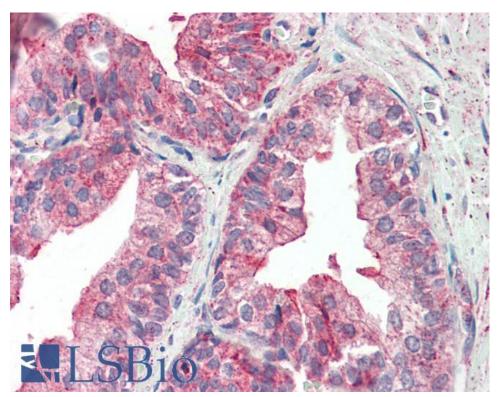
**Western blot:** Preliminary experiments gave an approx. 140kDa band in Human Heart lysates after 0.5μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 92.6kDa according to NP\_659464.3. The 140kDa band was successfully blocked by incubation with the immunizing peptide.

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

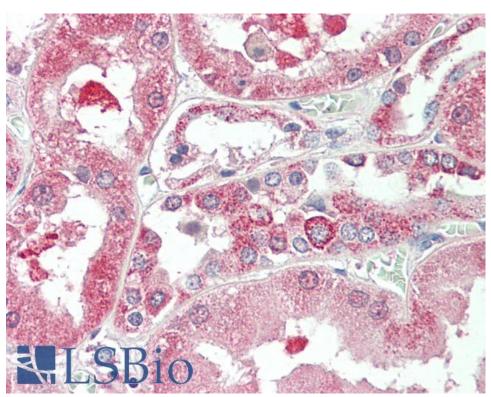
## **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse



EB08880 ( $5\mu g/ml$ ) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB08880 ( $5\mu g/ml$ ) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.