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

EB10326 - Goat Anti-Unc13b (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Munc13-2, unc-13 homolog B, unc-13 homolog B (C. elegans),
Unc13h2, Unc13b

Official Symbol: Unc13b

Accession Number(s): NP_074053.1; NP_001036044.1

Non-Human GeneID(s): 22249 (mouse), 64830 (rat)

Important Comments: This antibody is expected to recognize all reported isoforms
(NP_074053.1; NP_001036044.1).

Immunogen

Peptide with sequence PLRDVAAKGSC, from the internal region of the protein sequence
according to NP_074053.1; NP_001036044.1.

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 1:64000.

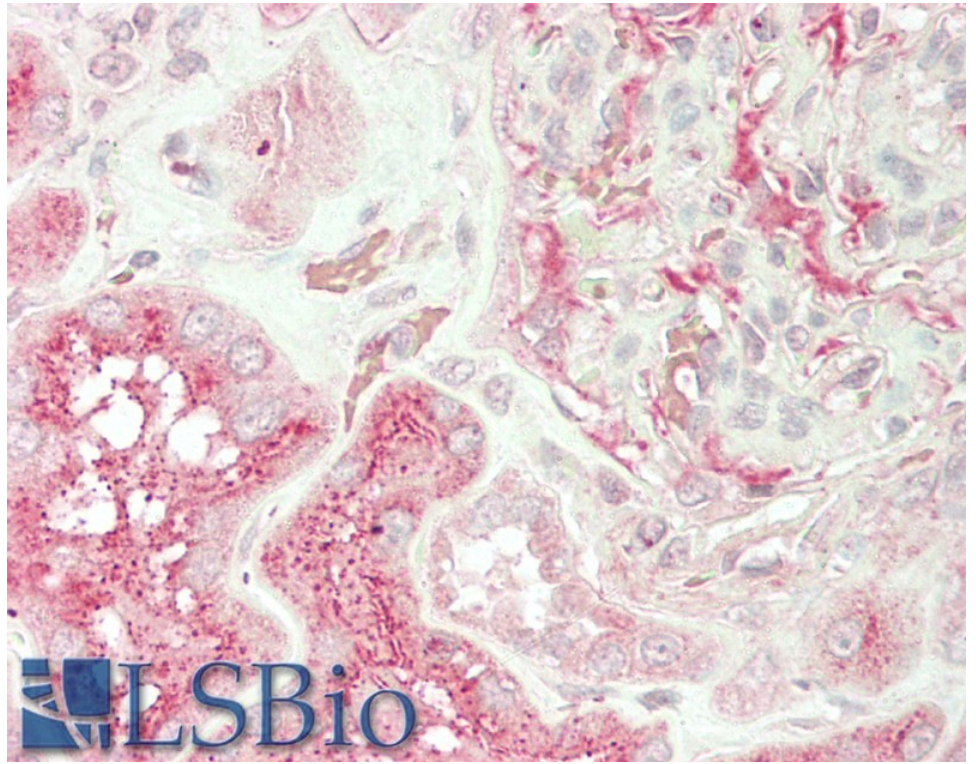
Western blot: Preliminary experiments gave an approx 110kDa band in Rat Lung lysates
after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in
the literature for the band we observe given the calculated size of 184kDa according to
Human NP_001036044.1X. The 110kDa band was successfully blocked by incubation
with the immunizing peptide.

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

Species Reactivity

Tested: Human

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



EB10326 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.