Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

Goat anti-GAPDH (C Terminus) Loading Control, biotinylated Antibody

Catalog No: tcva06377b

Available Sizes

Size: 100µg

Specifications

Application:
Pep-ELISA, WB

Species Reactivity:
Human, Mouse, Dog, Pig

Host Species:
Goat

Immunogen / Amino acids:
C-HQVVSSDFNSDT.

Conjugation:
Biotin Conjugated

Form:
Liquid

Storage Buffer:
Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Concentration:
0.5 mg/ml in 200 µl

Recommended Dilution:
Western Blot: Approx 35kDa band observed in lysates of cel line HEK293 (calculated MW of 36.1kDa according to NP_002037.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.3-1µg/ml. Peptide ELISA: antibody detection limit dilution 1:64000.

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Amino Acid Sequence:
NP_002037.2

Storage Instruction:
Aliquot store at -20C. Avoid freeze / thaw cycles.

Alternative Names:
GAPDH; glyceraldehyde-3-phosphate dehydrogenase; G3PD; GAPD; HEL-S-162eP; aging-associated gene 9 protein; epididymis secretory sperm binding protein Li 162eP; peptidyl-cysteine S-nitrosylase GAPDH

Gene ID:
2597 (human);

Reference Sequence No.:
NP_002037.2

Calculated Molecular Weight:
36.1; 31.5

Purification:
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide

Positive Control:
tcva06377p

Notes

GAPDH is constitutively expressed in almost all tissues at high levels. It is therefore a useful marker when a loading/positive control is required in western blotting.

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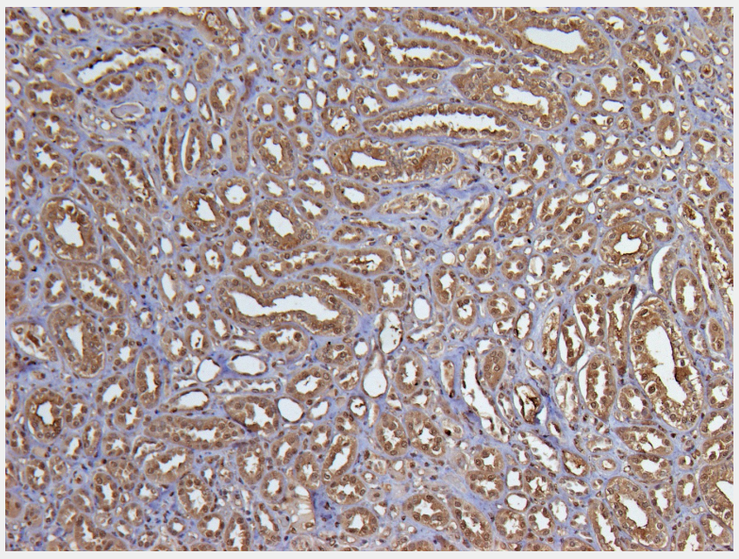
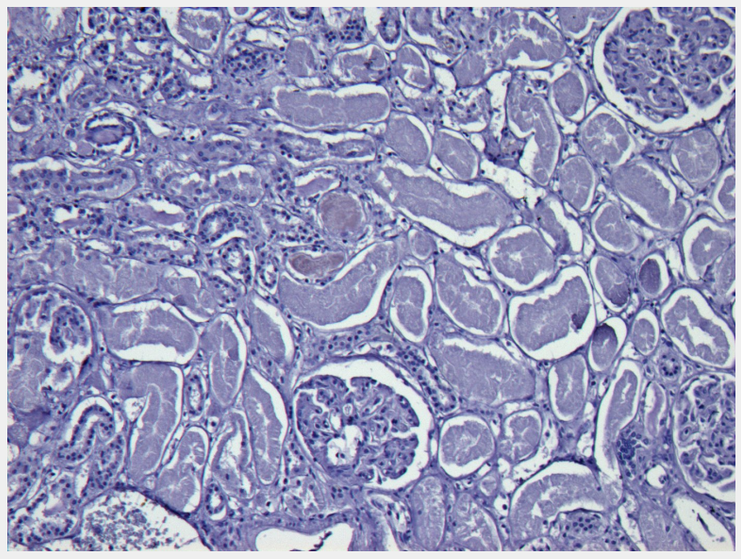
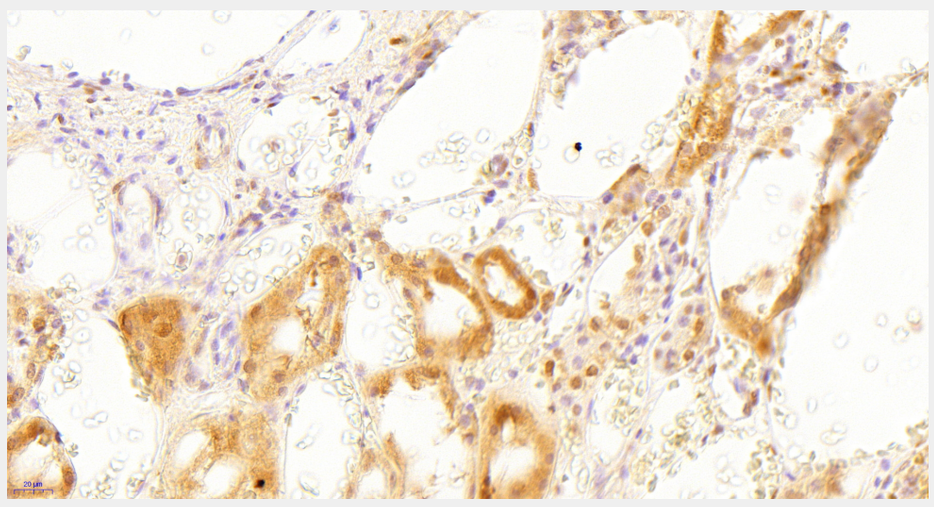
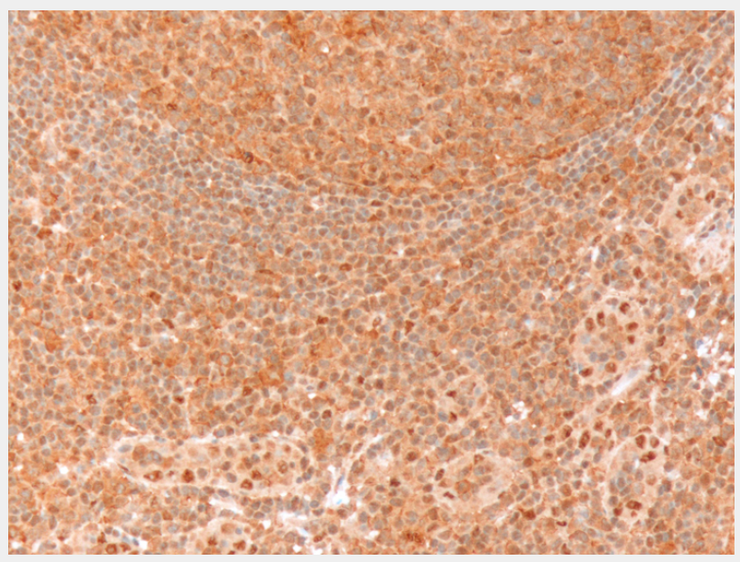


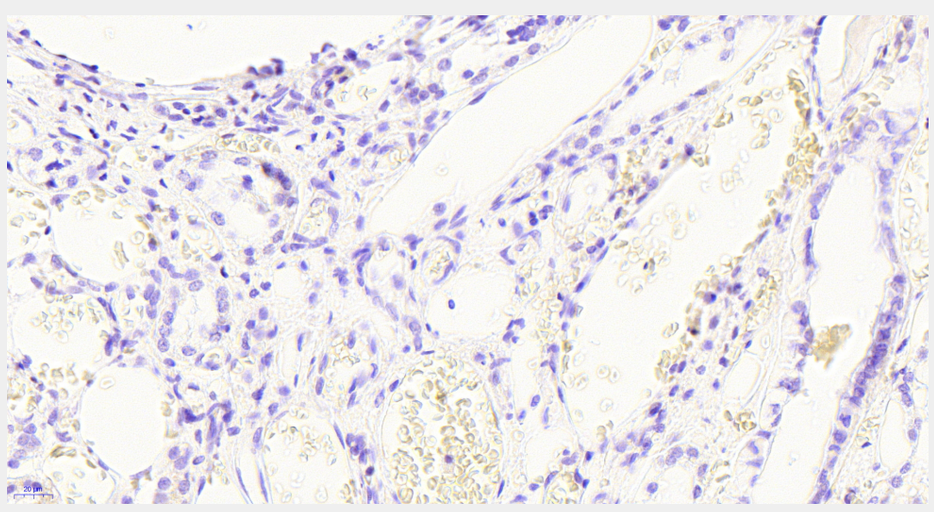
EB06377 (5µg/ml) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

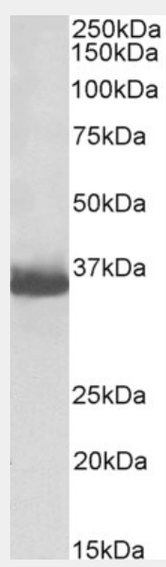


EB06377 Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.









Biotinylated EB06377 (0.5µg/ml) staining of HEK293 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.

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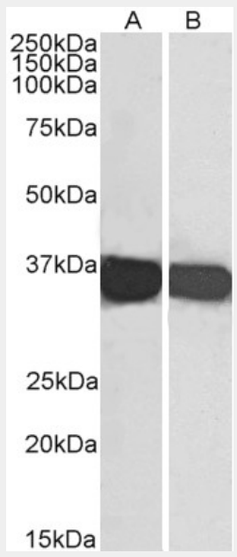
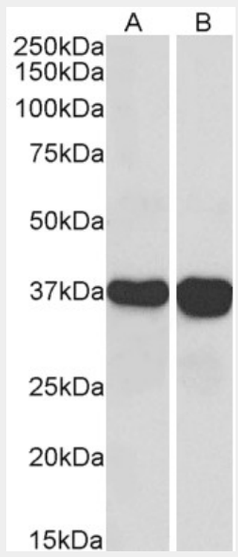
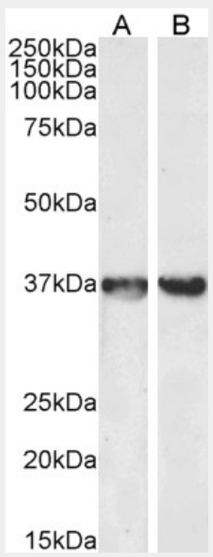


EB06377 (0.1µg/ml) staining of lysates of cell line HEK293 (A) and HeLa (B) (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB06377 (0.1µg/ml) staining of Human Liver (A) and Tonsil (B) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB06377 (0.5µg/ml) staining of Mouse Liver (A) and Rat Brain (B) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!