

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

Catalog No: tcva06377b



## Available Sizes

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**Size:** 100µg

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## Specifications

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**Application:**

Pep-ELISA, WB

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**Species Reactivity:**

Human, Mouse, Dog, Pig

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**Host Species:**

Goat

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**Immunogen / Amino acids:**

C-HQVVSSDFNSDT.

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**Conjugation:**

Biotin Conjugated

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**Form:**

Liquid

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**Storage Buffer:**

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

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**Concentration:**

0.5 mg/ml in 200 µl

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**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

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**Storage Instruction:**

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

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**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

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**Gene ID:**

2597 (human);

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**Reference Sequence No.:**

NP\_002037.2

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**Calculated Molecular Weight:**

36.1; 31.5

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**Purification:**

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

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**Positive Control:**

tcva06377p

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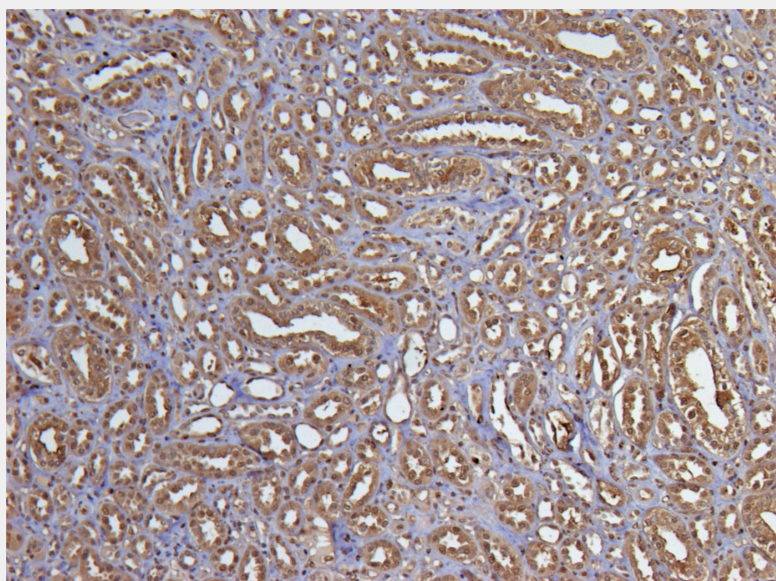
**Notes**

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.

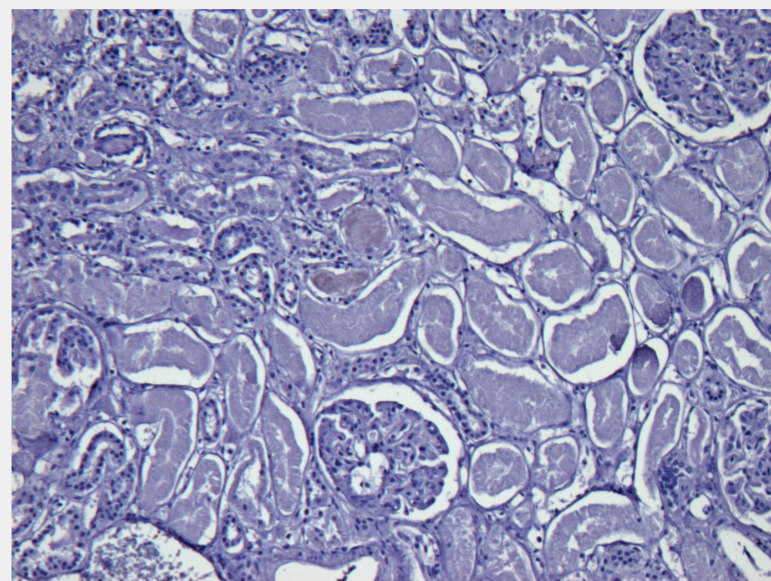
**Product Description**

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.

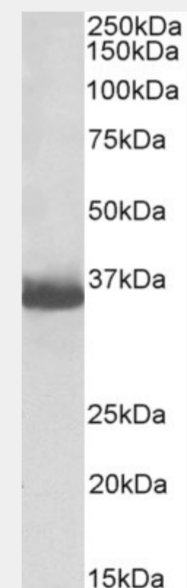
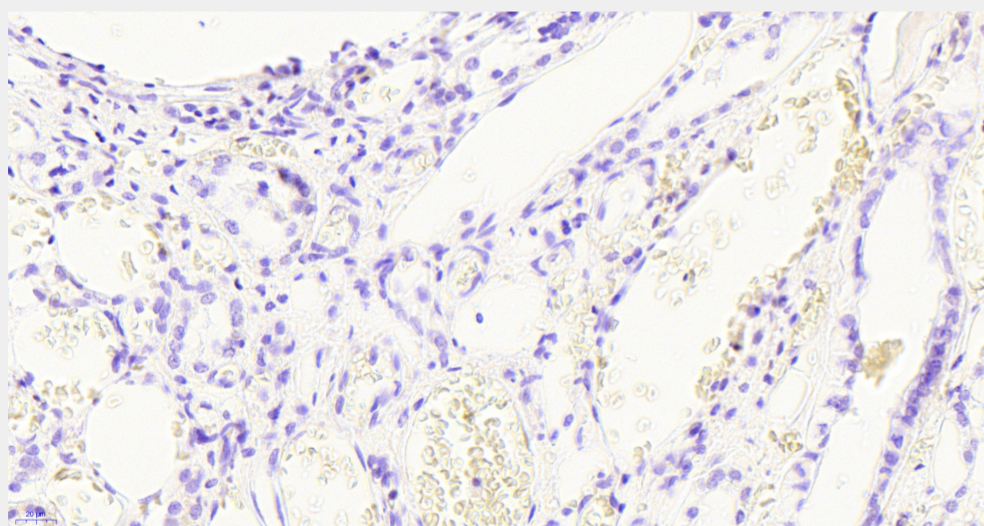
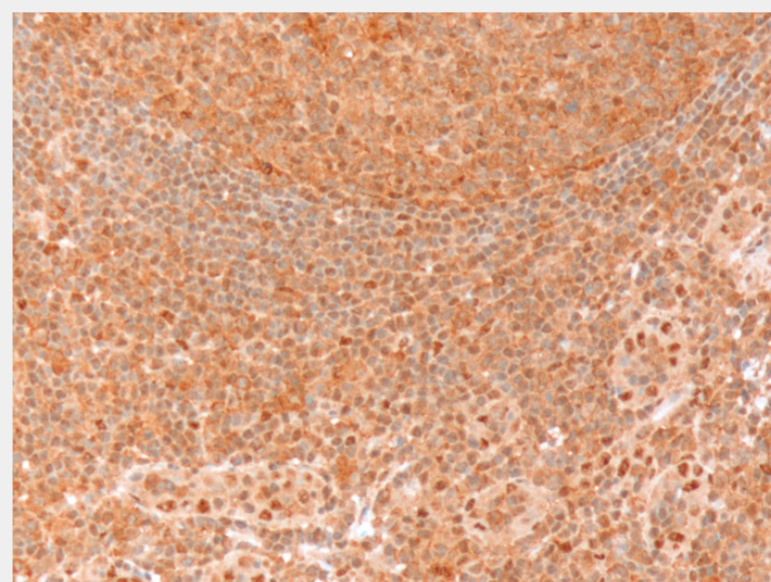
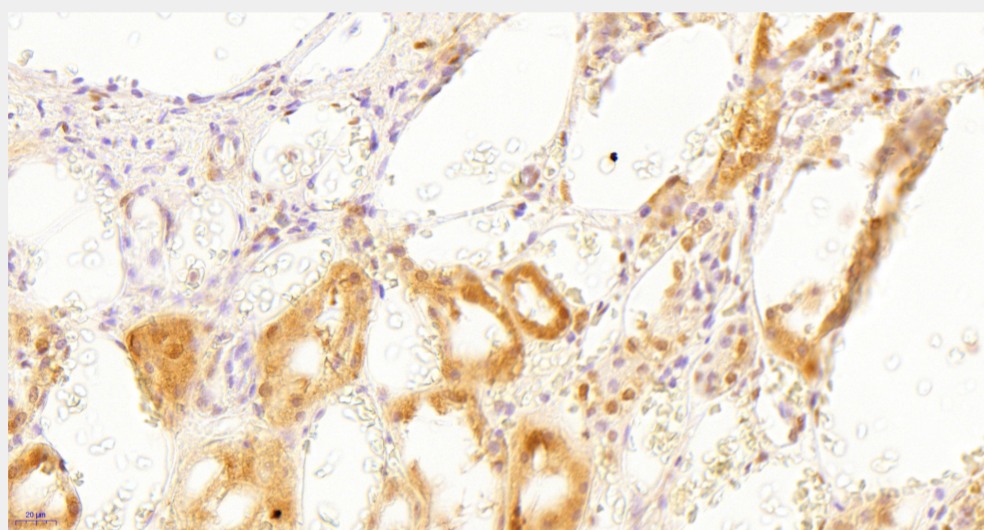




EB06377 (5 $\mu$ g/ml) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

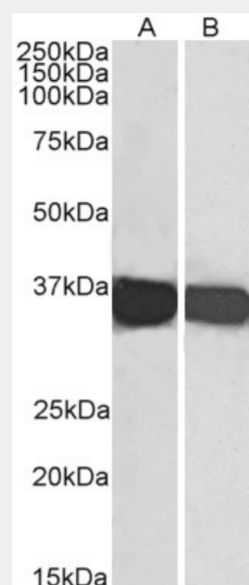


EB06377 Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.

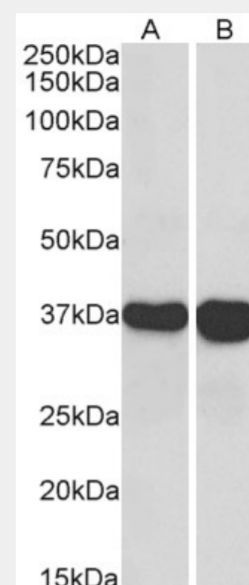


Biotinylated EB06377 (0.5 $\mu$ g/ml) staining of HEK293 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.

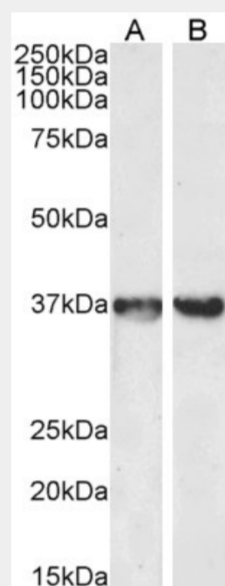




EB06377 (0.1 $\mu$ g/ml) staining of lysates of cell line HEK293 (A) and HeLa (B) (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



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



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

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