

## Goat GAPDH Polyclonal Antibody | anti-GAPDH antibody

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

| CATALOG # | HOST | REACTIVITY                                                                                | APPLICATIONS        |
|-----------|------|-------------------------------------------------------------------------------------------|---------------------|
| AAA61767  | Goat | Tested: Human, Mouse, Rat, Pig; Expected from sequence similarity: Human, Mouse, Dog, Pig | Western Blot, ELISA |

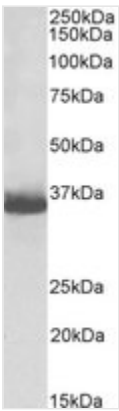
### PRODUCT SYNONYMS

GAPDH; Polyclonal Antibody; Goat anti-GAPDH (C Terminus) Loading Control; biotinylated Antibody; Goat Anti-GAPDH (Internal); Biotinylated Antibody; 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; GAPDH antibody; glyceraldehyde-3-phosphate dehydrogenase antibody; G3PD antibody; GAPD antibody; HEL-S-162eP antibody; aging-associated gene 9 protein antibody; epididymis secretory sperm binding protein Li 162eP antibody; peptidyl-cysteine S-nitrosylase GAPDH antibody; GAPDH (C Terminus) Loading Control; biotinylated; anti-GAPDH antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                          |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Goat                                                                                                                                                                     |
| Reactivity                                      | Tested: Human, Mouse, Rat, Pig; Expected from sequence similarity: Human, Mouse, Dog, Pig                                                                                |
| Clonality                                       | Polyclonal                                                                                                                                                               |
| Purity/Purification                             | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                                    |
| Form/Format                                     | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                                                          |
| Concentration                                   | 100ug specific antibody in 200ul (varies by lot)                                                                                                                         |
| Sequence                                        | HQVVSSDFNS DT                                                                                                                                                            |
| Sequence Length                                 | 335                                                                                                                                                                      |
| Applicable Applications for anti-GAPDH antibody | WB (Western Blot), ELISA (Peptide ELISA)                                                                                                                                 |
| Immunogen                                       | Peptide with sequence C-HQVVSSDFNSDT. , from the C Terminus of the protein sequence according to NP_002037.2.                                                            |
| Epitope                                         | C Terminus                                                                                                                                                               |
| Note                                            | 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. |
| Preparation and Storage                         | Aliquot and store at -20 degree C. Minimize freezing and thawing.                                                                                                        |

IMAGES



**WB (Western Blot)**  
Biotinylated (0.5ug/ml) staining of HEK293 lysate (35ug protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 7669492                                            |
| NCBI GeneID                      | 2597                                               |
| NCBI Accession #                 | NP_002037.2                                        |
| NCBI GenBank Nucleotide #        | NM_002046.5                                        |
| NCBI Official Full Name          | glyceraldehyde-3-phosphate dehydrogenase isoform 1 |
| NCBI Official Synonym Full Names | glyceraldehyde-3-phosphate dehydrogenase           |
| NCBI Official Symbol             | GAPDH                                              |
| NCBI Official Synonym Symbols    | G3PD; GAPD; HEL-S-162eP                            |
| NCBI Protein Information         | glyceraldehyde-3-phosphate dehydrogenase           |
| UniProt Protein Name             | Glyceraldehyde-3-phosphate dehydrogenase           |
| UniProt Gene Name                | <b>GAPDH</b>                                       |
| UniProt Synonym Gene Names       | GAPD; GAPDH                                        |
| UniProt Entry Name               | G3P_HUMAN                                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.