SICGEN ANTIBODIES

# Product Data Sheet

| Catalogue No. | Qty: |
|---|---|
| AB49550-100 | 250 µg |

# Anti-GAPDH, DyLight®550

**Source:** Goat

**General description:** Goat polyclonal to GAPDH (glyceraldehyde 3-phosphate dehydrogenase) conjugated to DyLight® 550. GAPDH catalyzes an important energy-yielding step in carbohydrate metabolism, the reversible oxidative phosphorylation of glyceraldehyde-3-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide (NAD). The enzyme exists as a tetramer of identical chains.

**Alternative names:** glyceraldehyde 3-phosphate dehydrogenase, glyceraldehyde-3-phosphate dehydrogenase, G3PD, GAPD, HGNC:4141, GAPDH antibody.

**Form:** Polyclonal antibody supplied as a 100 µl (2.5 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

**Immunogen:** Purified recombinant peptide derived from within residues 240 aa to the C-terminus of human GAPDH produced in E. coli.

**Specificity:** Detects a band of 37 kDa by Western blot.

**Reactivity:** Reacts with Human, Rat, Mouse, Monkey, Zebrafish and Canine proteins

| Sample | WB | IHC (F) | IHC (P) | IF | ELISA |
|---|---|---|---|---|---|
| Human | +++ | +++ | ND | +++ | ND |
| Rat | +++ | +++ | ND | +++ | ND |
| Mouse | +++ | +++ | ND | +++ | ND |
| Zebrafish | +++ | ND | ND | ND | ND |
| Canine | +++ | +++ | ND | +++ | ND |
| Monkey | +++ | +++ | ND | +++ | ND |

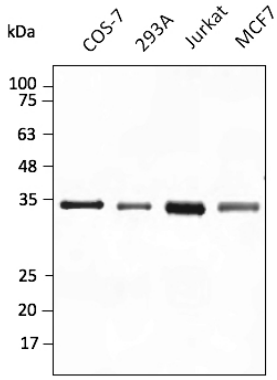
+++ excellent, ++ good, + poor, ND not determined

**Usage:**

| | |
|---|---|
| WB: | 1:500-1:5,000 |
| IHC (F): | 1:200-1:1,000 |
| IF: | 1:50-1:250 |

**Storage:** Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

**Special instructions:** Avoid freeze/thaw cycles..




Anti-GAPDH Ab conjugated to DyLight®550 (AB49550) at 1:2,000 using lysates at 30 µg per lane;

For research use only, not for diagnostic use

**SICGEN's Proprietary Immunogen Policy**

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.