

## Anti-GAPDH Rabbit Polyclonal Antibody

Catalog Number: YFPA0159; Size: 100 $\mu$ L

### Background:

Glyceraldehyde 3 phosphate dehydrogenase (GAPDH) is well known as one of the key enzymes involved in glycolysis. GAPDH is constitutively abundant expressed in almost cell types at high levels, therefore antibodies against GAPDH are useful as loading controls for Western Blotting. Some pathology factors, such as hypoxia and diabetes, increased or decreased GAPDH expression in certain cell types.

### Product Information:

**Product name:** Anti-GAPDH Rabbit Polyclonal Antibody

**Isotype:** IgG

**Form:** Lyophilized

**Tested applications:** WB, IHC-P, ICC/IF

**Dilution Ratio:** WB: 1:2000-1:10000; IHC: 1:50-1:100; IF: 1:100-1:200

**Species reactivity:** Human, Mouse, Rat, Monkey, Chicken, Zebrafish

**Host Species:** Rabbit

**Purity:** Affinity purification

### Immunogen Information:

**Immunogen:** A synthetic peptide of GAPDH

**Calculated molecular weight:** 36kDa

**Observed molecular weight:** 36kDa

**Swiss Prot:** P04406

**Gene ID :** 2597

**Alternative Names:** G3PD; GAPD; HEL-S-162eP

### Storage:

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

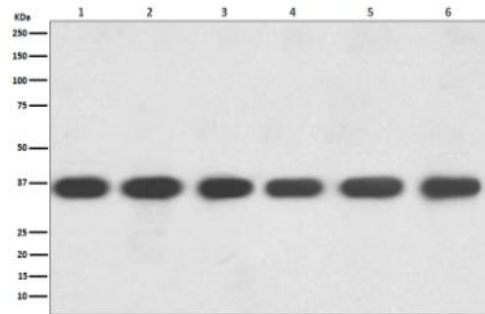
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### Services & Support:

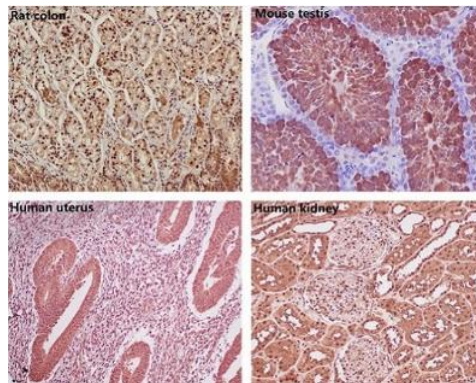
- 1、Please do not hesitate to contact us if you have any questions.
- 2、Please fill in the Technical Support Request Form and email the form to support@yfxbio.com within 3months of receipt of the goods, and we will response to your inquiry within 24 hours.
- 3、The after-sale service channel will be shut down after 3 months.
- 4、Product has not been fully validated for medical applications. For research use only.

### Application:

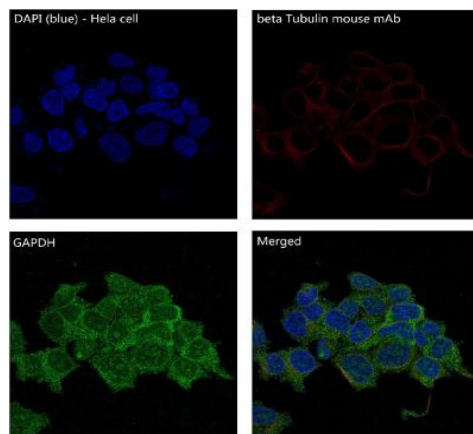
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.



Western blot analysis of GAPDH in (1) Hela lysates; (2) Jurkat lysates; (3) mouse kidney lysates; (4) mouse spleen lysates; (5) RAW 264.7 lysates; (6) rat brain lysates with GAPDH Antibody using Anti-GAPDH Rabbit Polyclonal Antibody.



Immunohistochemistry analysis of paraffin-embedded (1) rat colon; (2) mouse testis; (3) Human uterus; (4) Human kidney using Anti-GAPDH Rabbit Polyclonal Antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of GAPDH in HeLa using Anti-GAPDH Rabbit Polyclonal Antibody.