

HRP-conjugated Goat anti-Rabbit IgG (H+L)

Catalog No.: AS014

1471 Publications

Basic Information

Observed MW

Calculated MW

Category

Secondary antibody

Applications

ELISA, WB, IHC-P, DB

Cross-Reactivity

Conjugate

HRP

Background

Secondary antibodies are affinity-purified antibodies which will work with target-specific primary antibody in the detection, sorting or purification of its specified target. Secondary antibodies offer increased versatility enabling users to use many detection systems (e.g. HRP, AP, fluorescence). They can also provide greater sensitivity through signal amplification as multiple secondary antibodies. Most commonly, secondary antibodies are generated by immunizing the host animal (different from host species of primary antibody) with a pooled population of normal immunoglobulins from the host species of primary antibody and can be further purified and modified (i.e. antibody fragmentation, label conjugation, etc.) to ensure well-characterized specificity to corresponding normal immunoglobulins.

Recommended Dilutions

ELISA	1:5000 - 1:10000
WB	1:2000 - 1:10000
IHC-P	1:50 - 1:200
DB	1:2000 - 1:10000

Immunogen Information

Gene ID

Swiss Prot

Immunogen

Rabbit IgG

Synonyms

Contact

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Product Information

Source

Goat

Isotype

Horseradish peroxidase
conjugated IgG

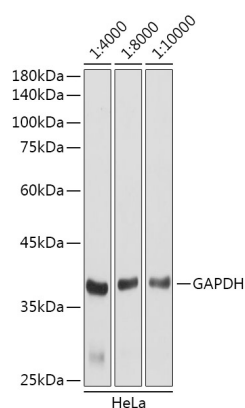
Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.75% BSA, 50% glycerol, pH 7.3.

Validation Data



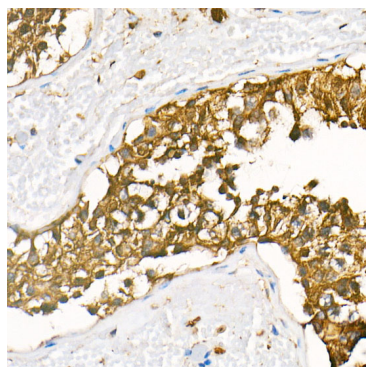
Western blot analysis of lysates from HeLa cells, using GAPDH (AC001) antibody as the primary antibody at dilution of 1:80000.

Secondary antibody: using HRP Goat Anti-Rabbit IgG (H+L) antibody (AS014) at 1:4000-1:10000 dilution. Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3s.



Immunohistochemistry analysis of HRP Goat Anti-Rabbit IgG (H+L) in paraffin-embedded human testis tissue using HRP Goat Anti-Rabbit IgG (H+L) (AS014) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.