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Goat Anti-Rabbit IgG(H+L)

Catalog No.: AS070 **28 Publications**

Basic Information

Observed MW
25kDa(Light chain),55kDa(Heavy chain)/

Calculated MW

Category
Secondary antibody

Applications
WB,ELISA,CUT&Tag

Cross-Reactivity
Rabbit

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

WB	1:1000 - 1:6000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.
CUT&Tag	1:100

Immunogen Information

Gene ID **Swiss Prot**

Immunogen
This information is considered to be commercially sensitive.

Synonyms

Contact

400-999-6126

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Product Information

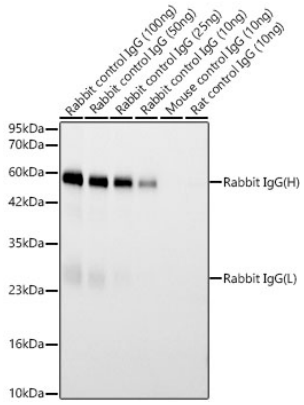
Source
Goat

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of recombinant Rabbit/Mouse/Rat control IgG Protein using Goat Anti-Rabbit IgG(H+L) (AS070) at 1:1000 dilution.
Secondary antibody: HRP Donkey Anti-Goat IgG (H+L) (AS031) at 1:10000 dilution.
Lysates/proteins: 100ng/50ng/25ng/10ng per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3s.

CUT&Tag was performed using the CUT&Tag Assay Kit (pAG-Tn5) for Illumina (RK20265) from 10^5 K-562 cells with 1 µg of TriMethyl-Histone H3-K4 Rabbit mAb (A22146), followed by incubation with Goat Anti-Rabbit IgG(H+L)(AS070). The CUT&Tag results denote the enrichment pattern of TriMethyl-Histone H3-K4 around RPL30 gene.

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