Goat Anti-Rabbit IgG H&L (HRP) ab6721

Overview

Product name: Goat Anti-Rabbit IgG H&L (HRP)
Host species: Goat
Target species: Rabbit
Tested applications: Suitable for: IHC-P, WB, ELISA, Immunomicroscopy, Dot blot, ICC, IHC-Fr
Immunogen: Rabbit IgG, whole molecule
Conjugation: HRP

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C.
Storage buffer:
  pH: 7.4
  Preservative: 0.1% Proclin
  Constituents: 1% BSA, 30% Glycerol, PBS
Purity: Immunogen affinity purified
Purification notes: This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose beads.
Conjugation notes: Horseradish Peroxidase (HRP)
Clonality: Polyclonal
Isotype: IgG
General notes:
  HRP conjugated anti-rabbit secondary antibody optimized for western blot and immunohistochemistry. Some customers reported seeing brown precipitates in the vials. The brown precipitates are very common with HRP conjugated antibodies; we suggest vortexing the vial and using this antibody as normal. Our customer’s feedback says the antibody worked great. If in case the antibody fails to give results then please contact our Scientific Support team for assistance.

Applications

Our Abpromise guarantee covers the use of ab6721 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
**Western blot - Goat Anti-Rabbit IgG H&L (HRP) (ab6721)**

This image is courtesy of an Abreview submitted by Maryna Polyakova.

**Application** | **Abreviews** | **Notes**
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IHC-P | ⭐⭐⭐⭐⭐ | 1/1000.
WB | ⭐⭐⭐⭐⭐ | 1/2000 - 1/20000.
  Suggested working dilution of 1/3000 (see PMID: 17222046). In addition, found to work at 1/20000 (see PMID: 16936283).
  Working dilutions are highlighted in the table below. Please note that the antibody can be diluted to 1:48,000 to 1:207,000 in many instances.
ELISA | | 1/120000.
Immunomicroscopy | | Use at an assay dependent concentration.
Dot blot | | Use at an assay dependent concentration.
ICC | | 1/1000 - 1/5000.
IHC-Fr | | 1/1000.

**Images**

**All lanes** : Anti-NEK7 antibody (ab80948) at 1/2000 dilution

**All lanes** : Mouse brain tissue cytoplasmic lysate

Lysates/proteins at 10 µg per lane.

**Secondary**

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) (ab6721) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Exposure time**: 10 seconds

Blocked with 5% non-fat Milk for 1 hour at 18°C
Immunohistochemical analysis of PFA-fixed paraffin-embedded rat cardiac tissue sections, labelling Conexin 43 with ab117843 at a dilution of 1/500 incubated for 12 hours at 4°C in 1% BSA in TBS. Antigen retrieval was via Tris-EDTA pH 9.0 (heat mediated). Blocking was 3% BSA incubated for 1 hour at 37°C. The secondary was ab6721 at 1/500.

ab3580 staining glucocorticoid receptor in mouse epididymis tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with bouin's solution and blocked with 1.5% serum for 30 minutes at 25°C; antigen retrieval was by heat mediation in a citrate buffer. Samples were incubated with primary antibody (1/1000) for 14 hours at 4°C. A HRP-conjugated goat anti-rabbit IgG H&L (ab6720) (1/200) was used as the secondary antibody.
Ab6721 was used at dilution 1/100 with the primary antibody ab11370 in IHC-P. See the review on ab11370.

Ab6721 was used at dilution 1/100 with the primary antibody ab35604 in IHC-Fr. See the review on ab35604.