

Product datasheet

Goat Anti-Chicken IgY H&L (Biotin) ab6876

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Overview

Product name	Goat Anti-Chicken IgY H&L (Biotin)
Host species	Goat
Target species	Chicken
Tested applications	Suitable for: ICC/IF, Dot blot, ELISA, IHC-P, IHC-Fr, Immunomicroscopy, WB
Immunogen	chicken IgY whole molecule
Conjugation	Biotin

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.60 Preservative: 0.01% Sodium azide Constituents: 0.88% Sodium chloride, 1% BSA, 0.42% Potassium phosphate
Purity	IgY fraction
Purification notes	This product was prepared from monospecific antiserum by immunoaffinity chromatography using chicken IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities.
Conjugation notes	Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) Biotin/Protein Ratio: 10-20 BAC molecules per IgG molecule
Clonality	Polyclonal
Isotype	IgY

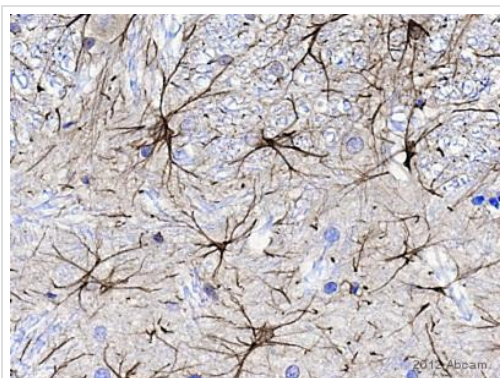
Applications

Our [Abpromise guarantee](#) covers the use of **ab6876** in the following tested applications.

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

Application	Abreviews	Notes
ICC/IF		1/500 - 1/3000.
Dot blot		Use at an assay dependent concentration.
ELISA		Use at an assay dependent dilution.
IHC-P	★★★★★	Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
Immunomicroscopy		Use at an assay dependent concentration.
WB		1/3000 - 1/30000.

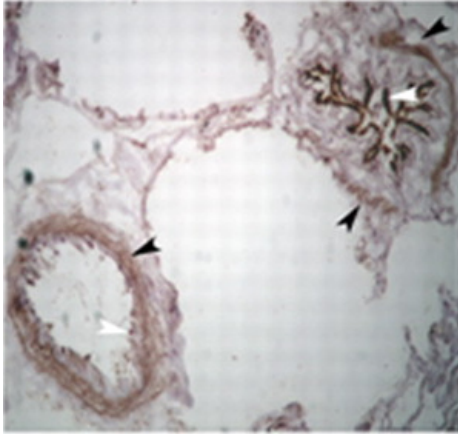
Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Goat Anti-Chicken IgY H&L (Biotin) (ab6876)

This image is courtesy of an Abreview submitted by Carl Hobbs

[ab89999](#) staining GFAP in rat spinal cord tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 1% BSA for 10 minutes at 22°C; antigen retrieval was by heat mediation in citric acid. Samples were incubated with primary antibody (1/300 in TBS/BSA/Azide) for 2 hours at 22°C. A biotin-conjugated goat anti-chicken IgY H&L (ab6876) (1/100) was used as the secondary antibody.



Immunohistochemical analysis of Human lung tissue stained with a chicken primary antibody, followed by ab6876 at 1/500 dilution and horseradish peroxidase-conjugated streptavidin. Staining was detected using DAB.

Immunohistochemistry (Frozen sections) - Goat anti-Chicken IgY H&L (Biotin) secondary antibody (ab6876)

Image from Yang Z et al., J Biol Chem. 2011 Apr 1;286(13):11444-55. Epub 2011 Jan 29. Fig 3.; doi: 10.1074/jbc.M110.212480; April 1, 2011, The Journal of Biological Chemistry, 286, 11444-11455.

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