

# Donkey Anti-Goat IgG H&L (Biotin) ab6884

[23 References](#) [1 Image](#)

### Overview

<b>Product name</b>	Donkey Anti-Goat IgG H&L (Biotin)
<b>Host species</b>	Donkey
<b>Target species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, Dot blot, ELISA, IHC-P, IHC-Fr, Immunomicroscopy, WB
<b>Immunogen</b>	Full length native Goat IgG (purified).
<b>Conjugation</b>	Biotin

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	pH: 6.50 Preservative: 0.01% Sodium azide Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride, 1% BSA
<b>Purity</b>	Affinity purified
<b>Purification notes</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>General notes</b>	Use donkey anti-goat IgG (H&L) biotin to confidently detect primary antibodies raised in goat in your immunohistochemistry, western blot, ELISA or immunoprecipitation. Get dilutions to get the best results in your IHC, WB, IP, or ELISA with donkey anti-goat IgG (H&L) biotin below.
	<b>Conjugation notes</b> Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) Biotin/Protein Ratio: 10-20 BAC molecules per IgG molecule

### Applications

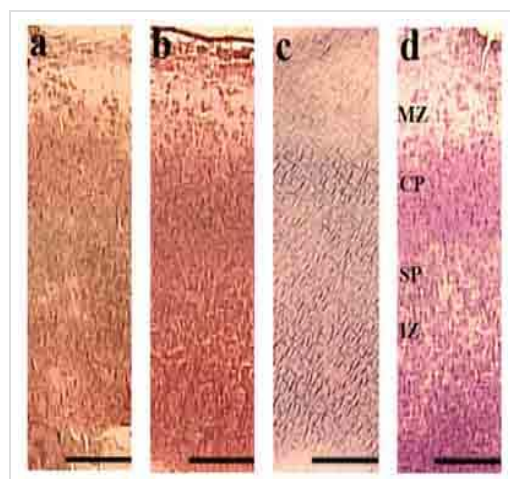
## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab6884 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		1/1000 - 1/5000.
Dot blot		Use at an assay dependent dilution.
ELISA		1/180000.
IHC-P		Use at an assay dependent dilution.
IHC-Fr		Use at an assay dependent dilution.
Immunomicroscopy		Use at an assay dependent dilution.
WB		1/2000 - 1/10000.

## Images



Immunohistochemistry (Frozen sections) - Donkey  
Anti-Goat IgG H&L (Biotin) (ab6884)

Image from Dr WZ Wang et al, BMC Mol Biol. 2009 Jul  
6;10:69, Fig 2.

ab6884 used to stain samples of whole heads of embryonic day 15 (E15) mice by Immunohistochemistry (Formalin-fixed, paraffin-embedded sections).

**Comparison of four staining methods.** The heads were flash-frozen directly in isopentane on dry-ice. Once hardened, they were embedded in O.C.T compound. Frozen sections were postfixed in 4% paraformaldehyde in PBS for 20 minutes and quenched in 1.5% hydrogen peroxide for 30 minutes. Sections were then blocked for 2 hours at room temperature with 5% donkey serum in Tris-buffered saline with 0.1% Triton-X100 and then incubated with a goat anti-Nurr1 primary antibody 1/200 in 1% donkey serum in TBS at 4°C overnight. Biotinylated donkey anti-goat (ab6884) 1/500 in 1% donkey serum in TBS was applied for 2 hours at room temperature and reacted with avidin-biotinylated enzyme complex (ABC) using the Vectastain Elite kit and diaminobenzidine (DAB) according to the manufacturer's instructions. Images were taken directly on the PALM Micr

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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