



Datasheet for ABIN101955

Donkey anti-Rabbit IgG (Heavy & Light Chain) Antibody (HRP) - Preadsorbed



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Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Rabbit
Host:	Donkey
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Dot Blot (DB), Immunoelectron Microscopy (IEM)

Product Details

Immunogen:	Anti-Rabbit IgG was produced by repeated immunization with rabbit whole IgG molecule in donkey.
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	Anti-Rabbit IgG peroxidase conjugated antibody generated in donkey detects specifically rabbit IgG. This secondary peroxidase conjugated antibody anti-Rabbit is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays. Concentration Definition: by UV absorbance at 280 nm
Purification:	Preadsorption: Solid phase absorption

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	Synonyms: Rabbit Antibody peroxidase conjugated, Dk-a-Rabbit peroxidase conjugated IgG, Rabbit proxidase conjugated Antibody in donkey, Rabbit Secondary peroxidase conjugated Antibody, peroxidase.

Application Details

Application Notes:	Anti-Rabbit IgG peroxidase conjugated antibody is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Restore with deionized water (or equivalent)
Concentration:	1.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	Gentamicin sulfate
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	4 °C

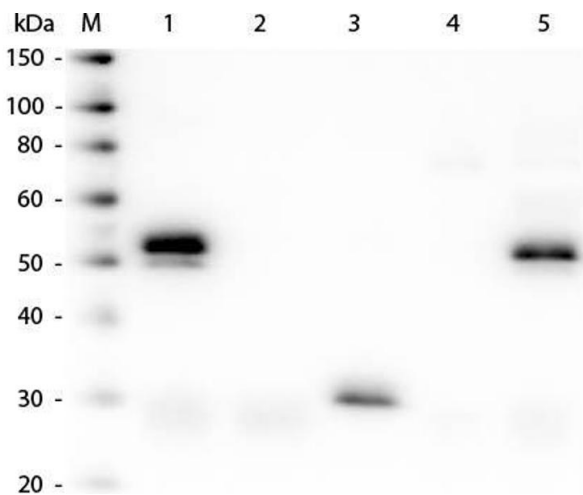
Publications

Product cited in:	Klaric, Thomas, Dottori, Leong, Koblar, Lewis: "A reduction in Npas4 expression results in delayed neural differentiation of mouse embryonic stem cells." in: Stem cell research & therapy , Vol. 5, Issue 3, pp. 64, (2015) (PubMed).
	Gawriluk, Ko, Hong, Christenson, Rucker: "Beclin-1 deficiency in the murine ovary results in the reduction of progesterone production to promote preterm labor." in: Proceedings of the National Academy of Sciences of the United States of America , Vol. 111, Issue 40, pp. E4194-

203, (2015) ([PubMed](#)).

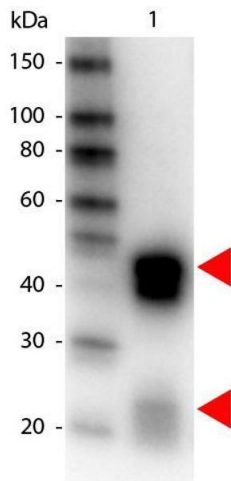
Tidjane, Hachem, Zaid, Merhi, Gaboury, Girolami, Couture: "A primary role for kinin B1 receptor in inflammation, organ damage, and lethal thrombosis in a rat model of septic shock in diabetes." in: **European journal of inflammation**, Vol. 13, Issue 1, pp. 40-52, (2015) ([PubMed](#)).

Images



Western Blotting

Image 1. Western Blot of Anti-Rabbit IgG (H&L) (DONKEY) Antibody (Min X Bv Ch Gt GP Ham Hs Hu Ms Rt & Sh Serum Proteins) . Lane M: 3 µl Molecular Ladder. Lane 1: Rabbit IgG whole molecule . Lane 2: Rabbit IgG F(ab) Fragment . Lane 3: Rabbit IgG F(c) Fragment . Lane 4: Rabbit IgM Whole Molecule . Lane 5: Normal Rabbit Serum . All samples were reduced. Load: 50 ng of IgG, F(ab), F(c) and Serum, 25 ng of IgM. Block: ABIN925618 for 30 min at RT. Primary Antibody: Anti-Rabbit IgG (H&L) (DONKEY) Antibody (Min X Bv Ch Gt GP Ham Hs Hu Ms Rt & Sh Serum Proteins) 1:7,500 for 60 min at RT. Secondary antibody: Anti-Donkey IgG (GOAT) Peroxidase Conjugated Antibody 1:40,000 in ABIN925618 for 30 min at RT. Predicted/Observed Size: 25 and 50 kDa for Rabbit IgG and Serum, 25 kDa for F(c) and F(ab), 70 and 23 kDa for IgM. Rabbit F(c) migrates slightly higher.



Western Blotting

Image 2. Western Blot of Peroxidase conjugated Donkey anti-Rabbit IgG antibody. Lane 1: Rabbit IgG. Lane 2: none. Load: 50 ng per lane. Primary antibody: none. Secondary antibody: Peroxidase donkey secondary antibody at 1:1,000 for 60 min at RT Block: ABIN925618 for 30 min at RT. Predicted/Observed size: 55 kDa, 28 kDa for Rabbit IgG. Other band(s): none.