

Datasheet for ABIN101378

**Goat anti-Armenian Hamster IgG (Heavy & Light Chain)
Antibody - Preadsorbed**[Go to Product page](#)**1** Publication

Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Armenian Hamster
Host:	Goat
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	Immunogen: Armenian Hamster IgG whole molecule
Isotype:	IgG
Specificity:	IgG (H&L)
Cross-Reactivity:	Armenian Hamster
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	Preadsorption: Solid phase absorption
Sterility:	Sterile filtered

Target Details

Target:	IgG
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Target Details

Abstract: [IgG Products](#)

Target Type: Antibody

Background: Synonyms: goat anti-Armenian Hamster IgG Antibody, goat anti-Hamster IgG Antibody
Background: Anti-Armenian Hamster IgG Antibody generated in goat detects Armenian Hamster IgG. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75 % of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the complement cascade, and opsonization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition.

Application Details

Application Notes: Immunohistochemistry Dilution: 1:1,000 - 1:5,000
Application Note: Suitable for immunoprecipitation, immunodiffusion, conjugation and most immunological methods requiring lot-to-lot consistency, high titer and specificity.
ChIP Dilution: User Optimized
Immunoprecipitation Dilution: User Optimized
ELISA Dilution: 1:20,000 - 1:40,000
Western Blot Dilution: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 2.1 mg/mL

Buffer: Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Stabilizer: None

Preservative: 0.01 % (w/v) Sodium Azide

Preservative: Sodium azide

Handling

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Expiry Date: 12 months

Publications

Product cited in: Köchl, Thelen, Vanes, Brazão, Fountain, Xie, Huang, Lyck, Stein, Tybulewicz: "WNK1 kinase balances T cell adhesion versus migration in vivo." in: **Nature immunology**, Vol. 17, Issue 9, pp. 1075-83, (2017) ([PubMed](#)).