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Datasheet for ABIN100956

## Rabbit anti-Cat IgG (Heavy & Light Chain) Antibody

### Overview

Quantity:	2 mL
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Cat
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

### Product Details

Immunogen:	Immunogen: Cat IgG whole molecule
Specificity:	IgG (H&L)
Characteristics:	Concentration Definition: by Refractometry
Purification:	This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, Cat IgG and Cat Serum.

### Target Details

Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody

## Target Details

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Background:	<p>Synonyms: rabbit anti-Cat IgG antibody, rabbit anti Cat IgG</p> <p>Background: 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. 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. Anti-Cat IgG (H&amp;L) antibody is ideal for investigators in Immunology, Cancer, and Microbiology research.</p>
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## Application Details

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Application Notes:	<p>Immunohistochemistry Dilution: 1:1,000 - 1:5,000</p> <p>Application Note: Secondary antibody reagents are ideal for ELISA, western blotting, Immunohistochemistry, Fluorescence Microscopy, Flow Cytometry as well as other antibody detection methods.</p> <p>ELISA Dilution: 1:20,000 - 1:100,000</p> <p>Western Blot Dilution: 1:2,000 - 1:10,000</p>
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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 2.0 mL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p>
Concentration:	80 mg/mL
Buffer:	<p>Buffer: 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: None</p> <p>Preservative: None</p>
Preservative:	Without preservative
Storage:	RT, 4 °C, -20 °C
Expiry Date:	12 months