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Datasheet for ABIN727269
anti-Ovalbumin antibody (Cy5)

Overview

Quantity:	100 µL
Target:	Ovalbumin (OVA)
Reactivity:	Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ovalbumin antibody is conjugated to Cy5
Application:	Western Blotting (WB)

Product Details

Immunogen:	Ovalbumin [hen egg white]
Isotype:	IgG
Cross-Reactivity:	Chicken
Purification:	Purified by Protein A.

Target Details

Target:	Ovalbumin (OVA)
Alternative Name:	Ovalbumin (OVA Products)
Background:	Synonyms: Ovalbumin, Allergen Gal d 2, CAP 2, CAP2, Cytoplasmic antiproteinase 2, Egg albumin, Gal d II, Hen egg white, PI8, Plakalbumin, Protease inhibitor 8, Serpin B8, serpin peptidase inhibitor clade B member 8, SERPINB14, SERPINB8. Background: Chicken Ovalbumin is the major protein in the "white" of the egg (and a favorite

Target Details

antigen in immunological research). Egg white contains a variety of proteins including ovalbumin, conalbumin, ovomucoid and lysozyme. It belongs to the serpin family and the Ov serpin subfamily. Ovalbumin can cause an allergic reaction in humans. Ovalbumin has been implicated in the development of the egg shell. Immunohistochemistry revealed that ovalbumin is found only in the mamillary bodies of decalcified shell, and is not distributed throughout the shell matrix. These results indicate that ovalbumin is present during the initial phase of shell formation and becomes incorporated into the protein matrix of the mamillary bodies. However, it is not yet clear whether ovalbumin at this site plays a specific role in shell mineralisation.

Gene ID: 5271

Application Details

Application Notes: IF(IHC-P)(1:50-200)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months