

Rabbit Anti-Chicken IgY / HRP antibody

SL0432R-HRP

Product Name Rabbit Anti-Chicken IgY / HRP
Chinese Name 辣根过氧化物酶标记兔抗鸡 IgY 抗体
Alias Rabbit Anti-Chicken IgY H&L (HRP)

Specific References (2) | SL0432R-HRP has been referenced in 2 publications.

[IF=4.02] Xu et al. A Critical Role of Bacterioferritin in Salmonella pullorum-Induced IFN- β Expression in DF-1 Cells. (2016) Front.Microbiol. 7:20 **WB ; Salmonella.**



PubMed:26870001

[IF=1.73] Liu, Dong, and Zhong-Xiang Niu. "Cloning of a gene fragment encoding chicken complement component C3d with expression and immunogenicity of Newcastle disease virus F gene?CC3d fusion protein."Avian Pathology 37.5 (2008): 477-485.i **WB ; Chicken.**

PubMed:18798021

Immunogen Species Rabbit
Clonality Polyclonal
React Species Chicken,
 WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ELISA=1:500-1000
Applications not yet tested in other applications.
 optimal dilutions/concentrations should be determined by the end user.
Form Liquid
Concentration 1.0 mg/ml
immunogen Native Chicken IgY
Lsotype IgG
Purification affinity purified by Protein A



Buffer Solution	10 mM TBS (pH=7.4) with 1% BSA, 3% Proclin300 and 50% glycerol.
Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Attention	<p>This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.</p> <p>In chickens, immunoglobulin Y is the functional equivalent to Immunoglobulin G (IgG). Like IgG, it is composed of two light and two heavy chains. Structurally, these two types of immunoglobulin differ primarily in the heavy chains, which in IgY have a molecular mass of about 65,100 atomic mass units (amu), and are thus larger than in IgG. The light chains in IgY, with a molar mass of about 18,700 amu, are somewhat smaller than the light chains in IgG. The molar mass of IgY thus amounts to about 167,000 amu. The steric flexibility of the IgY molecule is less than that of IgG. Functionally, IgY is partially comparable to Immunoglobulin E (IgE), as well as to IgG. However, in contrast to IgG, IgY does not bind to Protein A, to Protein G, or to cellular Fc receptors. Furthermore, IgY does not activate the complement system. The name Immunoglobulin Y was suggested in 1969 by G.A. Leslie and L.W. Clem, after they were able to show differences between the immunoglobulins found in chicken eggs, and immunoglobulin G. Other synonymous names are Chicken IgG, Egg Yolk IgG, and 7S-IgG.</p>
Product Detail	