

KLH Polyclonal Antibody

Rabbit Polyclonal Antibody

Catalog # ABV11763

Product Information

Application	WB, DB
Primary Accession	CAG28307
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

Additional Information

Positive Control	Dot blot
Application & Usage	Western blot: 1-4 µg/ml, Dot blot: 1-4 µg/ml
Alias Symbol	Keyhole Limpet Hemocyanin
Other Names	Keyhole Limpet Hemocyanin
Appearance	Colourless liquid
Formulation	100 µg (0.5 mg/ml) of antibody in PBS pH 7.2, 0.01 % BSA, 0.03 % ProClin® and 50 % glycerol.
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	KLH Polyclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

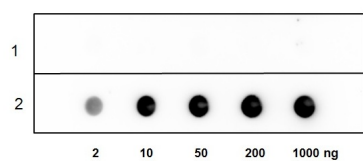
Protein Information

Background

Hemocyanins are proteins that use copper binding sites to bind and transport oxygen in a variety of arthropods and mollusks. Hemocyanin is isolated from the hemolymph of the animals. Hemocyanin is one of the strongest antigens known. Hemocyanin has been in use as an immunological reagent for many years. It is used as a carrier protein for antibody production against antigens. Recent advances in immunology and the role immune system plays in diseases have opened a whole new era of product development activities aimed at developing novel therapeutics which is aimed at teaching the bodys immune system to fight diseases like cancer, AIDS, etc. The approach involves the use of highly immunogenic molecule like the hemocyanin for non-specific immunostimulation (NSI) or active specific immunostimulation (ASI) using conjugate vaccines, wherein the tumor (disease) specific antigens are covalently bound to carrier protein like KLH and the product used in human clinical studies. Such products are termed "vaccines". BioVision's KLH subunits powder has major advantages associated with it, in terms of flexibility of use and the choice of

buffer in early developmental studies. These subunits are highly pure and have low endotoxin content.

Images



Dot blot analysis of KLH using anti-KLH antibody. Lane1: BSA; Lane2: KLH

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.