



...Specializing in custom-made chicken antibodies against "difficult" antigens.

PRODUCT SPECIFICATIONS

Product Description:	Anti-6XHIS (for westerns) Chicken polyclonal antibody
Catalog Number:	HIS-W-1040
Lot Number:	08HIS10-WB
Antibody Concentrations:	1.0 mg/ml (based on absorbance at 280 nm)
Volume:	400 ul
Buffer:	Sodium phosphate-buffered (10 mM) isotonic (0.9%, w/v) saline ("PBS," pH 7.2) (50% by volume) with glycerol (50% by volume) as an anti-freezing agent and thimerosal (0.01%, w/v) as a preservative.
Production:	Chickens were immunized with the 6X-Histidine peptide conjugated to keyhole limpet hemocyanin protein and emulsified in Freund's adjuvants. After multiple injections, eggs were collected from the hens, IgY fractions were prepared from the yolks, and then affinity-purified antibodies were prepared using 6X-Histidine peptide conjugated to an agarose matrix. To make up the final mixture, the IgY fraction was spiked with affinity purified antibody, mixed with glycerol and thimerosal, and filter-sterilized.
Quality Control:	This antibody preparation was analyzed by western blotting (at a dilution of 1:10000) using tissue extracts expressing a recombinant protein tagged with the 6X-HIS marker. Secondary antibodies were HRP-labeled affinity-purified goat anti-chicken IgY (1:5000 dilution, Aves Labs Cat.# H-1004).
Storage Conditions:	Store at -20°C in the dark. Under these conditions, these antibodies should have a shelf life of at least 12 months (provided they remain sterile). Do not freeze these antibodies at -80°C unless you want to store them for longer periods of time. Note, however, that each time an antibody preparation is frozen, about half its binding activity is lost.
Recommended Dilutions:	1:5000-1:10000 for western blotting applications. Please note that these dilutions are meant to serve as starting points, and that optimal dilutions may vary.

NOTE: These antibodies are meant to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

12571 SW Main Street Tigard, Oregon 97223 USA
phone (503) 598-8766 *fax* (503) 598-8746 *web* www.aveslab.com