

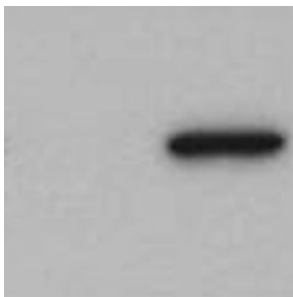
**Product Datasheet****Chickens make *better* antibodies.****Anti-DYKDDDDK Epitope Tag/FLAG Antibody****Overview**

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<b>Catalog #</b>	ET-DY100
<b>Concentration</b>	100 µg/mL
<b>Host Species</b>	Chicken Polyclonal
<b>Format</b>	Affinity-Purified IgY
<b>Buffer</b>	Phosphate-buffered (10 mM) isotonic (0.9%, w/v) saline ("PBS," pH 7.2) with sodium azide (0.02%, w/v) added as a preservative.
<b>Applications</b>	IHC 1:500-1:1000 ICC 1:500-1:1000 WB 1:1000-1:2000 IP ELISA
<b>Species Reactivity</b>	N/A
<b>Immunogen</b>	Synthetic peptide
<b>Molecular Weight</b>	N/A
<b>Cite this Antibody</b>	Aves Labs Cat# ET-DY100, RRID: AB_2313510

**Images**

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Western blot. Right Lane -- Cultured HEK cells were transfected with a plasmid containing the RDF1 cDNA fused with a FLAG epitope tag at its C-terminus. Left Lane -- Cultured HEK cells with an empty plasmid vector. 25 µg of protein loaded in each lane.

**Details**

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**Purification Method**

Chickens were immunized with a synthetic peptide containing the DYKDDDDK epitope conjugated to keyhole limpet hemocyanin (KLH). After repeated injections, immune eggs were collected, the IgY fractions were purified from the yolks, and then affinity purified using a peptide column. The concentration of the eluate was then adjusted to 100 µg/mL, and the preparation was filter-sterilized.

**Quality Control Tests**

Antibodies were analyzed using ELISA and western blots using an N-terminal DYKDDDDK-tagged protein. Secondary antibodies used in these quality control assays was an HRP-labeled (1:5000 dilution) goat anti-chicken IgY antibodies (Aves Labs).

**Storage**

Store at 4°C in the dark. Under these conditions, the antibodies should have a shelf life of at least twelve months, provided they remain sterile. For longer term storage, aliquot and freeze to avoid freeze-thaw of the antibody.

**Our Guarantee**

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As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience how chickens make better antibodies.

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