

## Product Datasheet

### Lysozyme antibody (orb344574)

## Description

Lysozyme antibody

## Species/Host

Rabbit

## Reactivity

Gallus

## Conjugation

Unconjugated

## Tested

DOT, ELISA, IHC, IP, WB

## Applications

## Immunogen

This purified antibody was prepared from whole rabbit serum produced by repeated immunizations with full length protein corresponding to amino acids 1-129 of Hen Egg White Lysozyme.

## Preservatives

0.01% (w/v) Sodium Azide

## Form/Appearance

Liquid (sterile filtered)

## Concentration

1.0 mg/ml

## Storage

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

## Note

For research use only

## Application notes

Anti-Lysozyme Hen Egg White purified antibody has been tested for use in ELISA and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band at ~14 kDa in size corresponding to lysozyme by western blotting in the appropriate cell lysate or extract.

## Isotype

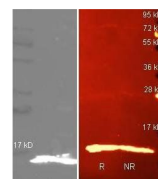
IgG

## Clonality

Polyclonal

## Purity

This purified antibody is directed against lysozyme from hen egg white protein. This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process, which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified Lysozyme (Hen Egg White). A BLAST analysis was used to suggest that this antibody would react with all forms of lysozyme from chicken, including precursor as well as A and B chains. Chains designated as M, L, F, C, Y and D also show 100% sequence homology. Lysozyme from quail and pheasant are also reported to



Western blot analysis of purified Lysozyme...