

Product datasheet for **TA354629**

LYZ Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to the C-terminus 115-129aa of chicken egg white Lysozyme protein.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	~14 kDa
Background:	Lysozyme is 129 amino acids protein isolated from chicken egg white. It is a ubiquitous enzyme which can catalyze the hydrolysis of the beta (1-4) glycosidic bond in bacterial peptidoglycan, a major component of the bacterial cell membrane. It appears in many tissues and body fluids. Lack of lysozyme C can cause Amyloidosis type 8 (AMYL8) diseases. The major proteins of chicken eggs are: Ovalbumin (45 kda, 54%), Conalbumin (13%, 80 kda), Ovomuroid (11%, 28 kda), Lysozyme (3.5%, 14 kda), and other proteins.



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Product images:

WB: The highly purified Lysozyme protein from chicken egg white was immunoblotted by Rabbit anti-Lysozyme antibody at 1:500. An immunoreactive band is observed at ~14 kDa.