ARG54658
anti-beta Galactosidase antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Chicken Polyclonal antibody recognizes beta Galactosidase
Tested Reactivity	Bacteria
Tested Application	ELISA, WB
Host	Chicken
Clonality	Polyclonal
Isotype	IgY
Target Name	beta Galactosidase
Immunogen	Synthetic peptide (17 aa) within aa. 20-70 of E. coli LacZ protein.
Conjugation	Un-conjugated
Alternate Names	ECK0341; JW0335

Application Instructions

Application table

Application	Dilution
ELISA	Assay-Dependent
WB	1 µg/mL

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

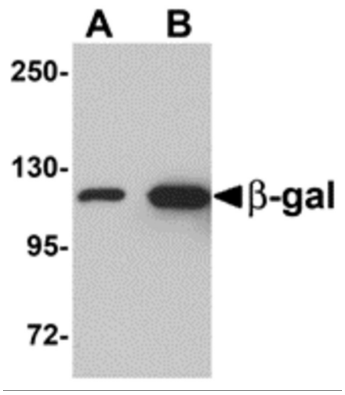
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	lacZ

Gene Full Name	beta-D-galactosidase
Background	beta-Galactosidase Antibody: Beta-galactosidase (beta-gal), an inducible enzyme that catalyses the hydrolysis of lactose and other beta-galactosides into monosaccharides, is a product of the LacZ operon, and is a homo-tetrameric protein consisting of four identical subunits of approximately 114 kDa each. The enzyme is commonly used as a reporter gene in molecular biology to assess the efficiency of transfection. |
Research Area	Controls and Markers antibody; Metabolism antibody
Calculated Mw	116 kDa

Images



ARG54658 anti-beta-Galactosidase antibody WB image

Western blot: (A) 5 and (B) 25 ng of b-gal stained with ARG54658 anti-b-gal antibody at 1 µg/ml.