
beta-Galactosidase Antibody

Subcategory: Chicken Polyclonal Antibody

Cat. No.: 254069

Unit: 0.1 mg

Description:

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 114kDa each. The enzyme is commonly used as a reporter gene in molecular biology to assess the efficiency of transfection.

Isotype: Chicken Ig

Applications: E, WB

Species Reactivity: Bact

Format: Each vial contains 0.1 ml IgY in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: beta-Galactosidase;beta-galactosidase; beta-gal

Accession No.: NP_752394

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term of beta-galactosidase.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.