
BTK Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254516

Unit: 0.1 mg

Description:

BTK (Tyrosine-protein kinase BTK) is a tyrosine kinase that plays a crucial role in B-cell ontogeny. Defects in BTK are the cause of X-linked agammaglobulinemia (XLA) also known as X-linked agammaglobulinemia type 1 (AGMX1) or immunodeficiency type 1 (IMD1). XLA is a humoral immunodeficiency disease which results in developmental defects in the maturation pathway of B-cells. Affected boys have normal levels of pre-B-cells in their bone marrow but virtually no circulating mature B-lymphocytes. This results in a lack of immunoglobulins of all classes and leads to recurrent bacterial infections.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 1% BSA with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

Alternate Names: BTK; Tyrosine-protein kinase BTK; Bruton tyrosine kinase; Agammaglobulinaemia tyrosine kinase; ATK; B-cell progenitor kinase; BPK; AGMX1; ATK; BPK

Accession No.: Q06187

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human BTK.

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