

Polyclonal Antibody to ETK pTyr40 - Aff - Purified

Catalog No.: AP01824PU-N

Quantity: 0.1 mg

Concentration: 1.0 mg/ml

Background: The Tec family of non-receptor tyrosine kinases is composed of six proteins designated Tec, Emt (also known as Itk or Tsk), Btk (previously known as Atk, BPK or Emb), Bmx, Txk (also known as Rlk) and Dsrc28C. All members of the family contain SH3 and SH2 domains and, with the exception of Txk and Dsrc28C, also contain a pleckstrin homology (PH) and a Tec homology (TH) domain in their amino termini. Four alternatively spliced forms of Tec are found to be expressed broadly in cells of hematopoietic lineage and hepatocytes. The 72 kDa Emt gene product associates with CD28 and becomes activated subsequent to CD28 ligation. Btk is necessary for proper B cell development, and mutations in the gene encoding Btk have been associated with families suffering from X-linked agammaglobulinemia, also referred to as Bruton's disease.

Host: Rabbit

Format: **State:** Liquid purified Ig fraction (> 95% pure by SDS-PAGE).
Purification: Affinity Chromatography using epitope-specific immunogen.
Buffer System: Phosphate buffered saline (PBS), pH~7.2 containing 15 mM Sodium Azide as preservative.

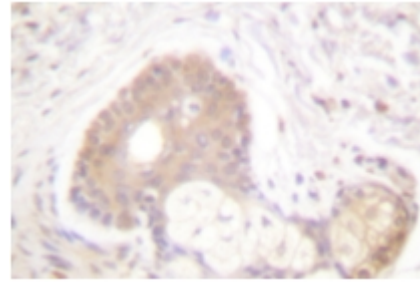
Applications: ELISA: 1/40000-1/60000.
Western Blot: 1/500-1/1000.
Immunohistochemistry: 1/50-1/200.
Immunofluorescence: 1/50-1/200.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: This antibody detects endogenous levels of ETK pTyr40 protein.
Species: Human and Mouse.
Other species not tested.

Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Shelf life: One year from despatch.

Pictures:

Immunohistochemistry (IHC) analyzes of ETK pTyr40 antibody in paraffin-embedded human skin tissue.



Western blot (WB) analysis of ETK pTyr40 antibody in extracts from mouse HepG2 cells.

