

# ITK rabbit pAb

Cat No.:ES15411

For research use only

## Overview

Product Name	ITK rabbit pAb
Host species	Rabbit
Applications	IHC;IF;WB
Species Cross-Reactivity	Human; Mouse
Recommended dilutions	IHC-p 1:50-200, WB 1:500-2000
Immunogen	Synthesized peptide derived from human ITK AA range: 450-530
Specificity	This antibody detects endogenous levels of human ITK
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	ITK
Gene Name	ITK EMT LYK
Cellular localization	Cytoplasm . Nucleus . Localizes in the vicinity of cell surface receptors in the plasma membrane after receptor stimulation.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	72kD
Human Gene ID	3702
Human Swiss-Prot Number	Q08881
Alternative Names	Tyrosine-protein kinase ITK/TSK (EC 2.7.10.2;Interleukin-2-inducible T-cell kinase;IL-2-inducible T-cell kinase;Kinase EMT;T-cell-specific kinase;Tyrosine-protein kinase Lyk)
Background	This gene encodes an intracellular tyrosine kinase expressed in T-cells. The protein contains both SH2 and SH3 domains which are often found in





intracellular kinases. It is thought to play a role in T-cell proliferation and differentiation. [provided by RefSeq, Jul 2008],

Immunohistochemical analysis of paraffin-embedded human brain tumor. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

