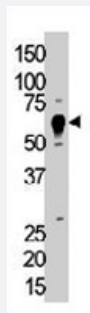


TEC polyclonal antibody

Catalog # PAB3439

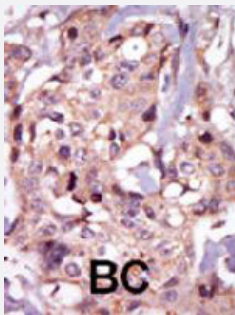
Size 400 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of TEC polyclonal antibody (Cat # PAB3439) in mouse liver tissue lysate. TEC (arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with TEC polyclonal antibody (Cat # PAB3439), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TEC.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to internal region of human TEC.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification

Recommend Usage	Immunofluorescence (1:10-50) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of TEC polyclonal antibody (Cat # PAB3439) in mouse liver tissue lysate. TEC (arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with TEC polyclonal antibody (Cat # PAB3439), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.

- Immunofluorescence

Gene Info — TEC

Entrez GeneID	7006
Protein Accession#	TEC_HUMAN
Gene Name	TEC
Gene Alias	MGC126760, MGC126762, PSCTK4
Gene Description	tec protein tyrosine kinase
Omim ID	600583
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene belongs to the Tec family of non-receptor protein-tyrosine kinases containing a pleckstrin homology domain. Tec family kinases are involved in the intracellular signaling mechanisms of cytokine receptors, lymphocyte surface antigens, heterotrimeric G-protein coupled receptors, and integrin molecules. They are also key players in the regulation of the immune functions. Tec kinase is an integral component of T cell signaling and has a distinct role in T cell activation. This gene may be associated with myelodysplastic syndrome. [provided by RefSeq]

Other Designations

OTTHUMP00000158787

Publication Reference

- [Identification of phosphorylation sites within the SH3 domains of Tec family tyrosine kinases.](#)

Nore BF, Mattsson PT, Antonsson P, Backesjo CM, Westlund A, Lennartsson J, Hansson H, Low P, Ronnstrand L, Smith CI.
Biochimica et Biophysica Acta 2003 Feb; 1645(2):123.

Application: IP, Human, Ramos cells

- [The AF2 domain of the orphan nuclear receptor TEC is essential for the transcriptional activity of the oncogenic fusion protein EWS/TEC.](#)

Maltais A, Filion C, Labelle Y.

Cancer Letters 2002 Sep; 183(1):87.

- [Chemotactic factor-induced recruitment and activation of Tec family kinases in human neutrophils. Implication of phosphatidylinositol 3-kinases.](#)

Lachance G, Levasseur S, Naccache PH.

The Journal of Biological Chemistry 2002 Apr; 277(24):21537.

Pathway

- [T cell receptor signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Lymphedema](#)