



TYK2 (Ab-1054) Antibody

Product Code	CSB-PA906130
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P29597
Immunogen	Peptide sequence around aa.1052~1056 (H-E-Y-Y-R) derived from Human TYK2.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total TYK2 protein.
Tested Applications	ELISA,IHC;IHC:1:50-1:100

Relevance

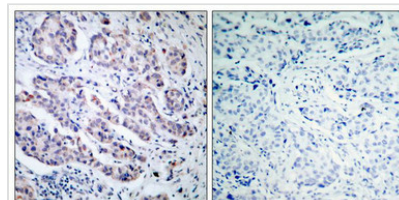
TYK2 encodes a member of the tyrosine kinase and, more specifically, the Janus kinases (JAKs) protein families. This protein associates with the cytoplasmic domain of type I and type II cytokine receptors and promulgate cytokine signals by phosphorylating receptor subunits. It is also component of both the type I and type III interferon signaling pathways. As such, it may play a role in anti-viral immunity. A mutation in this gene has been associated with hyperimmunoglobulin E syndrome (HIES) - a primary immunodeficiency characterized by elevated serum immunoglobulin E.

Zheng H, et al. (2005) Mol Cell Proteomics. 4(6):721-730.

Gauzzi MC, et al. (1996) J Biol Chem. 271(34): 20494-20500.

Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	tyrosine kinase 2; JTK1;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	TYK2

Image



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using TYK2(Ab-1054) Antibody(left) or the same antibody preincubated with blocking peptide(right).