TYK2 (Ab-1054) Antibody

#21118

Catalog Number: 21118-1, 21118-2

Amount: 50μg/50μl, 100μg/100μl

Swiss-Prot No. :P29597

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl,0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20℃/1 year

Immunogen: The antiserum was produced against synthesized non-phosphopeptide derived from human TYK2 around the phosphorylation site of tyrosine 1054 (H-E-Y$_P$-Y-R).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

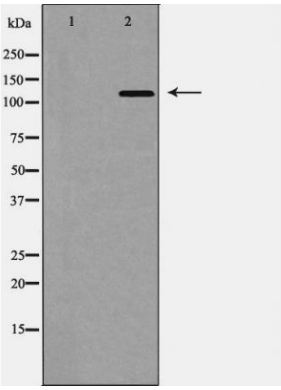
Specificity/Sensitivity: TYK2 (Ab-1054) antibody detects endogenous levels of total TYK2 protein

Reactivity: Human,Mouse

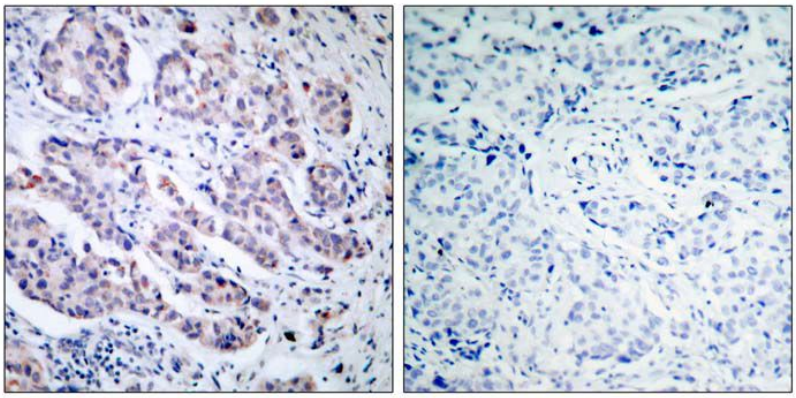
Applications:

Predicted MW: 140 kd

WB: 1:500~1:1000 IHC: 1:50~1:100



Western blot analysis of TYK2 expression in 293 cell



Peptide − +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using TYK2(Ab-1054) antibody (#21118).

Background :

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.

References：Zheng H, et al. (2005) Mol Cell Proteomics. 4(6):721-730.
Gauzzi MC, et al. (1996) J Biol Chem. 271(34): 20494-20500.