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Datasheet for ABIN7250815
anti-JAK3 antibody (pTyr785)

1 Image

Overview

Quantity:	200 µL
Target:	JAK3
Binding Specificity:	pTyr785
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JAK3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthesized peptide derived from human JAK3 around the phosphorylation site of Tyr785
Isotype:	IgG
Characteristics:	Phosphorylated antibody
Purification:	Affinity purification

Target Details

Target:	JAK3
Alternative Name:	JAK3 (JAK3 Products)
Background:	The protein encoded by this gene is a member of the Janus kinase (JAK) family of tyrosine kinases involved in cytokine receptor-mediated intracellular signal transduction. It is

Target Details

predominantly expressed in immune cells and transduces a signal in response to its activation via tyrosine phosphorylation by interleukin receptors. Mutations in this gene are associated with autosomal SCID (severe combined immunodeficiency disease).

Molecular Weight: Observed_MW: 125 kDa
Calculated_MW: 125 kDa

UniProt: [P52333](#)

Pathways: [JAK-STAT Signaling](#), [RTK Signaling](#), [Response to Growth Hormone Stimulus](#), [Regulation of Leukocyte Mediated Immunity](#), [Production of Molecular Mediator of Immune Response](#), [Protein targeting to Nucleus](#), [Activated T Cell Proliferation](#), [Unfolded Protein Response](#)

Application Details

Application Notes: WB 1:500-1:2000, IHC 1:100-1:300, ELISA 1:5000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

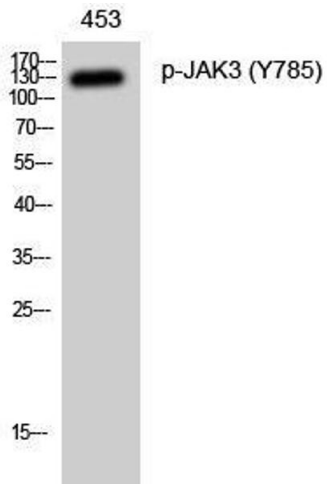
Buffer: PBS with 0.02 % sodium azide, 0.5 % BSA and 50 % glycerol, pH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western Blot analysis of 453 cells with Phospho-JAK3 (Tyr785) Polyclonal Antibody at dilution of 1:1000