



Stat1 (phospho Tyr701) Polyclonal Antibody

Cat #: ABP0045

Size: 100µl

Product Information

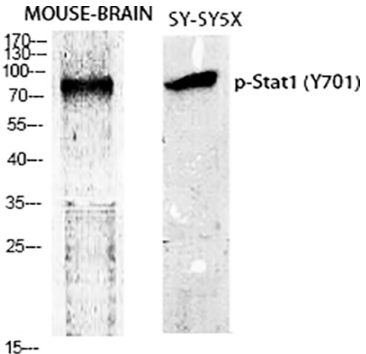
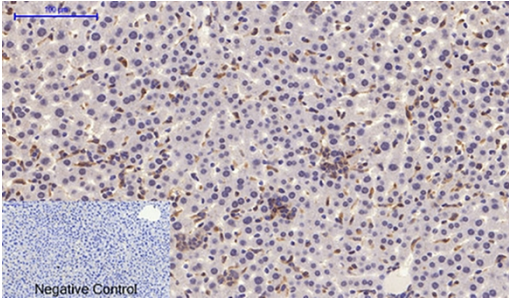
	Product Name: Stat1 (phospho Tyr701) Polyclonal Antibody		
	Applications: WB, IF, IHC-P, IP, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Rat, Monkey		
REF	Catalog Number: ABP0045	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: Signal transducer and activator of transcription 1 encoded by STAT1 is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. Signal transducer and activator of transcription 1 can be activated by various ligands including interferon-alpha, interferon-gamma, EGF, PDGF and IL6. Signal transducer and activator of transcription 1 mediates the expression of a variety of genes, which is thought to be important for cell viability in response to different cell stimuli and pathogens. Two alternatively spliced transcript variants encoding distinct isoforms have been described.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IF (1:50-1:200), IHC-P (1:100-1:300), IP (2-5 ug/mg lysate), ELISA (1:10000). Not yet tested in other applic

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

	<p>Fig.1. Western blot analysis of mouse brain (1), SY-SY5X (2), diluted at 1:1000.</p>
	<p>Fig.2. Immunohistochemical analysis of paraffin-embedded mouse liver tissue. 1, Stat1 (phospho Tyr701) Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.</p>

Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.