

Anti-ITCH (Phospho-Tyr420) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A100309-01	50 µl
A100309-02	100 µl

Specificity	Anti-ITCH (Phospho-Tyr420) (human mouse)
Source	Rabbit Polyclonal
Application	ELISA IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: Q96J02

Other Names: AIF4; AIP4; atrophin-1-interacting protein 4; EC 6.3.2.-; Itchy homolog E3 ubiquitin protein ligase; NAPP1; NFE2-associated polypeptide 1; ubiquitin protein ligase ITCH

Specificity and Sensitivity

ITCH (Phospho-Tyr420) antibody detects endogenous levels of ITCH only when phosphorylated at tyrosine 420.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human ITCH around the phosphorylation site of tyrosine 420 (F-I-Y^P-G-N).

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

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

IHC: 1:50~1:100 ELISA: 1:20000

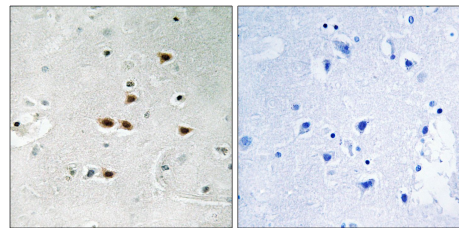
Storage Buffer

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

Storage Instructions

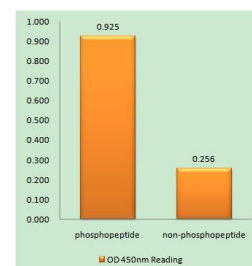
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human brain tissue using ITCH (Phospho-Tyr420) antibody. Human brain tissue using VE-Cadherin (Phospho-Tyr731) antibody.



ITCH (Phospho-Tyr420) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.