

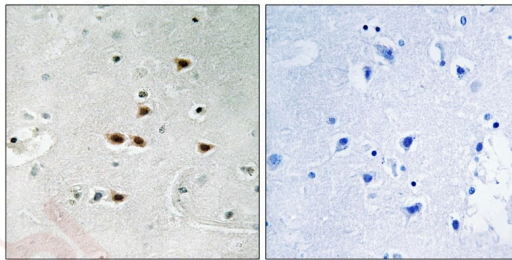
Anti-Phospho-ITCH (Tyr420) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Actual: 102 kDa.
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Applications

Verified Activity: 1. Immunohistochemical analysis of paraffin-embedded human brain tissue using ITCH (Phospho-Tyr420) antibody TMAC-02247 (left) or the same antibody preincubated with blocking peptide (right).



Application:	IHC
Recommended	IHC: 1:50-100

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 420(F-I-Y(p)-G-N) derived from Human ITCH
Antigen Species:	Human
Uniprot ID:	Q96J02
Synonyms:	p-ITCH (Tyr420);p-ITCH (Y420);ITCH (p-Y420);ITCH (p-Tyr420)

Research Background

Atrophin-1 contains a polyglutamine repeat, expansion of which is responsible for dentatorubral and pallidoluysian atrophy. The protein encoded by this gene interacts with atrophin-1. This encoded protein is a closely related member of the NEDD4-like protein family. This family of proteins are E3 ubiquitin-ligase molecules and regulate key trafficking decisions, including targeting of proteins to proteasomes or lysosomes. This encoded protein contains

four tandem WW domains and a HECT (homologous to the E6-associated protein carboxyl terminus) domain.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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