

## Product Datasheet

# ITCH Antibody



Catalog No: CY8506

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC

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### Information

**UniProt ID:** Q96J02

**All Names:** ITCH; AIF4; AIP4; NAPP1;

**Form:** Liquid

**Storage instructions:** Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 103kDa

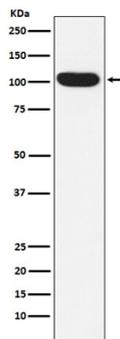
### Application

WB 1:1000~1:5000

IHC 1:100~1:500

### Background

Acts as an E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. It catalyzes 'Lys-29-', 'Lys-48'- and 'Lys-63'-linked ubiquitin conjugation. It is involved in the control of inflammatory signaling pathways.



Western blot analysis of ITCH expression in K562 cell lysate.

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