

## Product datasheet for **TA362584**

### ITCH Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ITCH
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	86 kDa
Gene Name:	itchy E3 ubiquitin protein ligase
Database Link:	<a href="#">NP_001244066.1</a> <a href="#">Entrez Gene 83737 Human</a> <a href="#">Q96J02-3</a>
Background:	This gene encodes a member of the Nedd4 family of HECT domain E3 ubiquitin ligases. HECT domain E3 ubiquitin ligases transfer ubiquitin from E2 ubiquitin-conjugating enzymes to protein substrates, thus targeting specific proteins for lysosomal degradation. The encoded protein plays a role in multiple cellular processes including erythroid and lymphoid cell differentiation and the regulation of immune responses. Mutations in this gene are a cause of syndromic multisystem autoimmune disease. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.



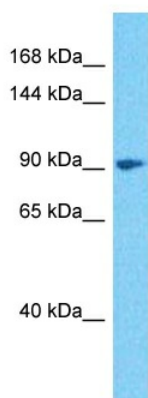
[View online »](#)

**Synonyms:** AIF4; AIP4; dj468O1.1; NAPP1

**Protein Families:** Druggable Genome, Transcription Factors

**Protein Pathways:** Endocytosis, Ubiquitin mediated proteolysis

### Product images:



Host: Rabbit  
Target Name: ITCH  
Sample Type: 293T Cell Lysate  
Antibody Dilution: 1.0 $\mu$ g/ml

Host: Rabbit  
Target Name: ITCH  
Sample Tissue: Human 293T Whole Cell lysates  
Antibody Dilution: 1 $\mu$ g/ml