

# Immunotag™ WIPI2 Rabbit Polyclonal Antibody

Antibody Specification	
Catalog No.	ITM3788
Product Description	Immunotag™ WIPI2 Rabbit Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	WIPI2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p
Recommended Dilution	IHC-p 1:50-300
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Recombinant Protein of WIPI2
Specificity	The antibody detects endogenous WIPI2 protein
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	WIPI2 CGI-50
Accession No.	Q9Y4P8 Q80W47 Q6AY57
Alternate Names	WD repeat domain phosphoinositide-interacting protein 2 (WIPI-2) (WIPI49-like protein 2)

## Antibody Specification

Description	WD repeat domain, phosphoinositide interacting 2(WIPI2) Homo sapiens WD40 repeat proteins are key components of many essential biologic functions. They regulate the assembly of multiprotein complexes by presenting a beta-propeller platform for simultaneous and reversible protein-protein interactions. Members of the WIPI subfamily of WD40 repeat proteins, such as WIPI2, have a 7-bladed propeller structure and contain a conserved motif for interaction with phospholipids (Proikas-Cezanne et al., 2004 [PubMed 15602573]).[supplied by OMIM, Mar 2008],
Protein Expression	Esophagus tumor,Placenta,Skin,Testis,Thalamus,
Subcellular Localization	pre-autophagosomal structure,nucleoplasm,cytoplasm,autophagosome,cytosol,membrane,extrinsic component of membrane,pre-autophagosomal structure membrane,protein complex,
Protein Function	similarity:Contains 3 WD repeats.,tissue specificity:Ubiquitously expressed. Highly expressed in heart, skeletal muscle and pancreas. Expression is down-regulated in pancreatic and in kidney tumors.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.