

# Immunotag™ Phospho-DRP-2 (Thr514) Antibody

Antibody Specification	
Catalog No.	ITA1228
Product Description	Immunotag™ Phospho-DRP-2 (Thr514) Antibody
Size	100 µg, 200 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	Phospho-DRP-2 (Thr514)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200 IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human DRP-2 around the phosphorylation site of Threonine 514
Specificity	Phospho-DRP-2 (Thr514) Antibody detects endogenous levels of DRP-2 only when phosphorylated at Threonine 514
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	DPYSL2
Accession No.	Q16555

## Antibody Specification

Alternate Names	Collapsin response mediator protein 2; Collapsin response mediator protein; Collapsin response mediator protein hCRMP 2; CRAM; CRMP 2; CRMP-2; CRMP2; DHPRP 2; DHPRP2; Dihydropyrimidinase 2; Dihydropyrimidinase like 2; Dihydropyrimidinase like 2 long form; Dihydropyrimidinase related protein 2; Dihydropyrimidinase-related protein 2; DPYL 2; DPYL2; DPYL2_HUMAN; DPYSL 2; Dpysl2; DRP-2; DRP2; Musunc 33; Musunc33; N2A3; TOAD 64; TOAD64; ULIP 2 protein; ULIP-2; Ulip2; Unc-33-like phosphoprotein 2;
Description	Plays a role in neuronal development and polarity, as well as in axon growth and guidance, neuronal growth cone collapse and cell migration. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. May play a role in endocytosis.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	65/70kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.