

# Immunotag™ Phospho-CPI17 alpha (Thr38) Antibody

Antibody Specification	
Catalog No.	ITA1242
Product Description	Immunotag™ Phospho-CPI17 alpha (Thr38) 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-CPI17 alpha (Thr38)
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 CPI17 alpha around the phosphorylation site of Threonine 38
Specificity	Phospho-CPI17 alpha (Thr38) Antibody detects endogenous levels of CPI17 alpha only when phosphorylated at Threonine 38
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	PPP1R14A
Accession No.	Q96A00

## Antibody Specification

Alternate Names	17 kDa PKC-potentiated inhibitory protein of PP1; 17-KDa protein; 17kDa PKC potentiated inhibitory protein of PP1; CPI 17 alpha; CPI 17; CPI 17alpha; CPI-17; CPI17; PKC potentiated inhibitory protein of PP1; PKC potentiated inhibitory protein of PP1, 17-KD; PP14A_HUMAN; PPP1INL; Ppp1r14a; Protein kinase C-potentiated inhibitor of protein phosphatase 1, 17-KD; Protein kinase C-potentiated inhibitor protein of 17 kDa; Protein phosphatase 1; Protein phosphatase 1 regulatory (inhibitor) subunit 14A; Protein phosphatase 1 regulatory subunit 14A; Regulatory subunit 14A;
Description	Inhibitor of PPP1CA. Has over 1000-fold higher inhibitory activity when phosphorylated, creating a molecular switch for regulating the phosphorylation status of PPP1CA substrates and smooth muscle contraction.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	22kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.