Immunotag™ TRIP13 Antibody

Antibody Specification

Catalog No.	ITA0425
Product Description	Immunotag™ TRIP13 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	TRIP13
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000, 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 TRIP13
Specificity	TRIP13 Antibody detects endogenous levels of TRIP13
Purification	The antiserum was purified by peptide affinity chromatography.
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	TRIP13
Accession No.	Q15645
Alternate Names	16E1-BP; 16E1BP; Homo sapiens HPV16 E1 protein binding protein mRNA complete cds; HPV16 E1 protein binding protein; HPV16 E1 protein-binding protein; Human papillomavirus type 16 E1 protein binding protein; Human papillomavirus type 16 E1 protein-binding protein; Pachytene checkpoint protein 2 homolog; PCH2; Thyroid hormone receptor interactor 13; Thyroid receptor interacting protein 13; Thyroid receptor-interacting protein 13; TR-interacting protein 13; TRIP-13; Trip13; TRP13_HUMAN;

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Description	Plays a key role in chromosome recombination and chromosome structure development during meiosis. Required at early steps in meiotic recombination that leads to non-crossovers pathways. Also needed for efficient completion of homologous synapsis by influencing crossover distribution along the chromosomes affecting both crossovers and non-crossovers pathways. Also required for development of higher-order chromosome structures and is needed for synaptonemal-complex formation. In males, required for efficient synapsis of the sex chromosomes and for sex body formation. Promotes early steps of the DNA double-strand breaks (DSBs) repair process upstream of the assembly of RAD51 complexes. Required for depletion of HORMAD1 and HORMAD2 from synapsed chromosomes (By similarity). Plays a role in mitotic spindle assembly checkpoint (SAC) activation (PubMed:28553959).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	48kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.