G-Biosciences Image not found or type unknown

Immunotag™ p107 Antibody

Antibody Specification

Catalog No.	ITA3092
Product Description	Immunotag™ p107 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	p107
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human p107.
Specificity	p107 antibody detects endogenous levels of p107.
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	RBL1
Accession No.	P28749
Alternate Names	107 kDa retinoblastoma-associated protein; Cellular protein 107; Cellular protein p107; CP107; MGC40006; p107; PRB1; RBL1; RBL1_HUMAN; Retinoblastoma like protein 1; retinoblastoma-like 1 (p107); Retinoblastoma-like protein 1;

Antibody Specification

Description	Key regulator of entry into cell division. Directly involved in heterochromatin formation by maintaining overall chromatin structure and, in particular, that of constitutive heterochromatin by stabilizing histone methylation. Recruits and targets histone methyltransferases KMT5B and KMT5C, leading to epigenetic transcriptional repression. Controls histone H4 'Lys-20' trimethylation. Probably acts as a transcription repressor by recruiting chromatin-modifying enzymes to promoters. Potent inhibitor of E2F-mediated trans-activation. Forms a complex with adenovirus E1A and with SV40 large T antigen. May bind and modulate functionally certain cellular proteins with which T and E1A compete for pocket binding. May act as a tumor suppressor.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	119 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.