

Immunotag™ SKP2/p45 Antibody

Antibody Specification	
Catalog No.	ITA0382
Product Description	Immunotag™ SKP2/p45 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	SKP2/p45
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
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SKP2/p45
Specificity	SKP2/p45 Antibody detects endogenous levels of SKP2/p45
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	SKP2
Accession No.	Q13309
Alternate Names	CDK2/Cyclin A associated protein p45; Cyclin A/CDK2 associated protein p45; Cyclin-A/CDK2-associated protein p45; F box protein Skp2; F box/LRR repeat protein 1; F-box protein Skp2; F-box/LRR-repeat protein 1; FBL 1; FBL1; FBXL 1; FBXL1; FLB 1; FLB1; MGC1366; p45; p45skp2; S phase kinase associated protein 2 (p45); S phase kinase associated protein 2; S-phase kinase-associated protein 2; S-phase kinase-associated protein 2 E3 ubiquitin protein ligase; SKP 2; Skp2; SKP2_HUMAN;

Antibody Specification

Description	Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins involved in cell cycle progression, signal transduction and transcription. Specifically recognizes phosphorylated CDKN1B/p27kip and is involved in regulation of G1/S transition. Degradation of CDKN1B/p27kip also requires CKS1. Recognizes target proteins ORC1, CDT1, RBL2, KMT2A/MLL1, CDK9, RAG2, FOXO1, UBP43, and probably MYC, TOB1 and TAL1. Degradation of TAL1 also requires STUB1. Recognizes CDKN1A in association with CCNE1 or CCNE2 and CDK2. Promotes ubiquitination and destruction of CDH1 in a CK1-Dependent Manner, thereby regulating cell migration.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	47kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.