

Immunotag™ Phospho-RanBP3 (Ser126/58) Antibody

Antibody Specification	
Catalog No.	ITA0722
Product Description	Immunotag™ Phospho-RanBP3 (Ser126/58) 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-RanBP3 (Ser126/58)
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
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human RanBP3 around the phosphorylation site of Ser126/58.
Specificity	Phospho-RanBP3 (Ser126/58) Antibody detects endogenous levels of RanBP3.
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	RANBP3
Accession No.	Q9H6Z4
Alternate Names	DKFZp586I1520; Ran binding protein 3; Ran-binding protein 3; RANB3_HUMAN; RanBP3;

Antibody Specification

Description	Acts as a cofactor for XPO1/CRM1-mediated nuclear export, perhaps as export complex scaffolding protein. Bound to XPO1/CRM1, stabilizes the XPO1/CRM1-cargo interaction. In the absence of Ran-bound GTP prevents binding of XPO1/CRM1 to the nuclear pore complex. Binds to CHC1/RCC1 and increases the guanine nucleotide exchange activity of CHC1/RCC1. Recruits XPO1/CRM1 to CHC1/RCC1 in a Ran-dependent manner. Negative regulator of TGF-beta signaling through interaction with the R-SMAD proteins, SMAD2 and SMAD3, and mediating their nuclear export.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	70kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.