

Immunotag™ p97 MAPK Antibody

Antibody Specification	
Catalog No.	ITA4191
Product Description	Immunotag™ p97 MAPK 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	p97 MAPK
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000 IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	p97 MAPK Antibody detects endogenous levels of total p97 MAPK
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	MAPK6
Accession No.	Q16659
Alternate Names	ERK-3; ERK3; Extracellular signal regulated kinase 3; Extracellular signal regulated kinase p97; Extracellular signal-regulated kinase 3; HsT17250; MAP kinase 6; MAP kinase isoform p97; MAPK 6; MAPK6; Mitogen activated protein kinase 6; Mitogen-activated protein kinase 6; MK06_HUMAN; p97 MAPK; p97-MAPK; PRKM6; Protein kinase mitogen activated 5; Protein kinase mitogen activated 6;

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Description	Atypical MAPK protein. Phosphorylates microtubule-associated protein 2 (MAP2) and MAPKAPK5. The precise role of the complex formed with MAPKAPK5 is still unclear, but the complex follows a complex set of phosphorylation events: upon interaction with atypical MAPKAPK5, ERK3/MAPK6 is phosphorylated at Ser-189 and then mediates phosphorylation and activation of MAPKAPK5, which in turn phosphorylates ERK3/MAPK6. May promote entry in the cell cycle (By similarity).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	85 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.