

Anti-ATG7 Rabbit mAb

Purified Rabbit Monoclonal Antibody

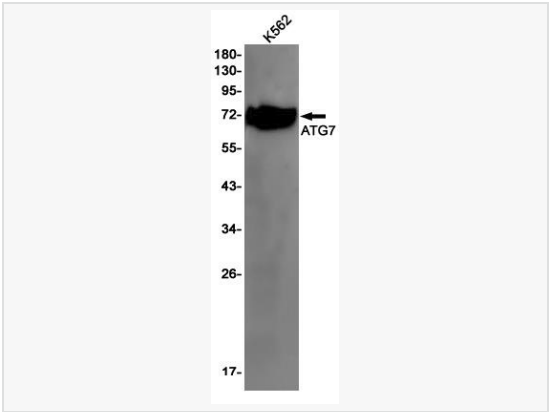
Catalog # R011889

Product Information

Application	WB, IP, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	88K57K10
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human ATG7
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-ATG7 antibody [88K57K10] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	hAGP7, Ubiquitin-activating enzyme E1-like protein, APG7L.
Calculated MW	Calculated MW: 78 kDa; Observed MW: 78 kDa
Uniprot ID	O95352
Gene ID	10533
Background	The molecular machinery of autophagy was largely discovered in yeast and referred to as autophagy-related (Atg) genes. Formation of the autophagosome involves a ubiquitin-like conjugation system in which Atg12 is covalently bound to Atg5 and targeted to autophagosome vesicles. This conjugation reaction is mediated by the ubiquitin E1-like enzyme Atg7 and the E2-like enzyme Atg10.



Western blot analysis of ATG7 in K562 lysates using ATG7 antibody.