

SENP7 Conjugated Antibody

Catalog No: #C42750



Package Size: #C42750-AF350 100ul #C42750-AF405 100ul #C42750-AF488 100ul
 #C42750-AF555 100ul #C42750-AF594 100ul #C42750-AF647 100ul
 #C42750-AF680 100ul #C42750-AF750 100ul #C42750-Biotin 100ul

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Description

Product Name	SENP7 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SENP7 protein.
Immunogen Description	Fusion protein of human SENP7
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	KIAA1707; MGC157730; Sentrin-specific protease 7; Sentrin/SUMO-specific protease SENP7; SSP2; SUMO-1-specific protease 2
Accession No.	Swiss-Prot#:Q9BQF6NCBI Gene ID:57337NCBI mRNA#:BC129988NCBI Protein#:
Uniprot	Q9BQF6
GeneID	57337;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	120KD
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250
 AF405 conjugated: most applications: 1: 50 - 1: 250
 AF488 conjugated: most applications: 1: 50 - 1: 250
 AF555 conjugated: most applications: 1: 50 - 1: 250
 AF594 conjugated: most applications: 1: 50 - 1: 250
 AF647 conjugated: most applications: 1: 50 - 1: 250
 AF680 conjugated: most applications: 1: 50 - 1: 250
 AF750 conjugated: most applications: 1: 50 - 1: 250

Background

The reversible posttranslational modification of proteins by the addition of small ubiquitin-like SUMO proteins (see SUMO1; MIM 601912) is required for many cellular processes. SUMO-specific proteases, such as SENP7, process SUMO precursors to generate a C-terminal diglycine motif required for the conjugation reaction.?

Note: This product is for in vitro research use only