USP22 Conjugated Antibody

Catalog No: #C49701

Package Size: #C49701-AF350 100ul #C49701-AF405 100ul #C49701-AF488 100ul #C49701-AF555 100ul #C49701-AF594 100ul #C49701-AF647 100ul #C49701-AF680 100ul #C49701-AF750 100ul #C49701-Biotin 100ul

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Description

Product Name	USP22 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Deubiquitinating enzyme 22 antibody KIAA1063 antibody Ubiquitin carboxyl terminal hydrolase 22 antibody Ubiquitin carboxyl-terminal hydrolase 22 antibody Ubiquitin specific peptidase 22 antibody Ubiquitin specific peptidase 3 like antibody Ubiquitin specific processing protease 22 antibody Ubiquitin specific protease 22 antibody Ubiquitin thioesterase 22 antibody Ubiquitin thiolesterase 22 antibody Ubiquitin-specific-processing protease 22 antibody UBP22_HUMAN antibody USP 22 antibody Usp22 antibody USP3L antibody
Accession No.	Swiss-Prot#:Q9UPT9
Uniprot	Q9UPT9
GeneID	23326;
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	60 kDa
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

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

The ubiquitin (Ub) pathway involves three sequential enzymatic steps that facilitate the conjugation of Ub and Ub-like molecules to specific protein substrates. Through the use of a wide range of enzymes that can add or remove ubiquitin, the Ub pathway controls many intracellular processes such as signal transduction, transcriptional activation and cell cycle progression. USP22 (ubiquitin specific peptidase 22), also known as USP3L, is a 525 amino acid protein that contains one UBP-type zinc finger and functions to catalyze the conversion of a ubiquitin C-terminal thioester to free ubiquitin and thiol, a reaction that may influence several cellular processes. Via its catalytic activity, USP22 is thought to play an important role in cell cycle progression and may also serve as a cancer stem cell marker. The gene encoding USP22 maps to human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes.

Note: This product is for in vitro research use only