USP11 Conjugated Antibody

Catalog No: #C49628

SAB Signalway Antibody

Package Size: #C49628-AF350 100ul #C49628-AF405 100ul #C49628-AF488 100ul

#C49628-AF555 100ul #C49628-AF594 100ul #C49628-AF647 100ul

#C49628-AF680 100ul #C49628-AF750 100ul #C49628-Biotin 100ul

Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Description

Clonality Monoclonal Species Reactivity Hu, Ms, Rt Immunogen Description recombinant protein Conjugates Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 Other Names Deubiquitinating enzyme 11 antibody Ubiquitin carboxyl-terminal hydrolase 11 antibody Ubiquitin carboxyl-terminal hydrolase 11 antibody Ubiquitin specific pertidase 11 antibody Ubiquitin specific protease 11 antibody UBP11_HUMAN antibody UHX1 antibody USP11 antibody UBP11_antibody UBP11_HUMAN antibody UHX1 antibody USP11 antibody Accession No. Swiss-Prot#:P51784 Uniprot P51784 GeneID 8237; Excitation Emission AF350: 346nm/442nm	Product Name	USP11 Conjugated Antibody
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	Calculated MW	110 kDa
Storage Store at 4°C in dark for 6 months	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. USP11 (ubiquitin specific peptidase 11), also known as UHX1, is a 920 amino acid deubiquitinating enzyme that participates in the Ub pathway. Localized to the nucleus, USP11 associates with both Ran BP-M (Ran binding protein M) and with the tumor suppressor BRCA2. Through these associations, USP11 functions to either inhibit ubiquitination of these proteins or to remove ubiquitin residues that have already been attached to these proteins. USP11 is implicated in several X-linked retinal diseases and, due to its ability to deubiquitinate BRCA2, may play a role in tumor suppression.

Note: This product is for in vitro research use only