WWOX (Phospho-Tyr33) Conjugated Antibody

Catalog No: #C11779

Package Size: #C11779-AF350 100ul #C11779-AF405 100ul #C11779-AF488 100ul #C11779-AF555 100ul #C11779-AF594 100ul #C11779-AF647 100ul #C11779-AF680 100ul #C11779-AF750 100ul #C11779-Biotin 100ul

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Description

Product Name	WWOX (Phospho-Tyr33) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of WWOX only when phosphorylated at tyrosine 33.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 33 (W-V-Y(p)-Y-A) derived from Human WWOX.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	FOR;WOX1;Aberrant WW domain-containing oxidoreductase
Accession No.	Swiss-Prot#:Q96KM3NCBI Gene ID:51741NCBI mRNA#:NM_016373.2. NCBI Protein#:NP_057457.1.
Uniprot	Q96KM3
GeneID	:51741
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	55
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

Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.

Background

WW domain-containing proteins are found in all eukaryotes and play an important role in the regulation of a wide variety of cellular functions such as protein degradation, transcription, and RNA splicing. This gene encodes a protein which contains 2 WW domains and a short-chain dehydrogenase/reductase domain (SRD). The highest normal expression of this gene is detected in hormonally regulated tissues such as testis, ovary, and prostate. This expression pattern and the presence of an SRD domain suggest a role for this gene in steroid metabolism.

Note: This product is for in vitro research use only