

SULT1A1 Conjugated Antibody

Catalog No: #C38264



Package Size: #C38264-AF350 100ul #C38264-AF405 100ul #C38264-AF488 100ul
 #C38264-AF555 100ul #C38264-AF594 100ul #C38264-AF647 100ul
 #C38264-AF680 100ul #C38264-AF750 100ul #C38264-Biotin 100ul

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Description

Product Name	SULT1A1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total SULT1A1 antibody.
Immunogen Description	Recombinant protein of human SULT1A1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PST; STP; STP1; P-PST; ST1A1; ST1A3; TSPST1; HAST1/HAST2;
Accession No.	Swiss-Prot#:P50225NCBI Gene ID:6817
Uniprot	P50225
GeneID	6817;
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	34
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

SULT1A1, also named as ST1A1, P-PST 1, ST1A3, Ts-PST, P-PST 1, STP and STP1, belongs to the sulfotransferase 1 family. It catalyzes the sulfate conjugation of catecholamines, phenolic drugs and neurotransmitters. SULT1A1 is also responsible for the sulfation and activation of minoxidil. It mediates the metabolic activation of carcinogenic N-hydroxyarylamines to DNA binding products and could so participate as modulating factor of cancer risk. SULT1A1 is one of two phenol sulfotransferases with thermostable enzyme activity.

Note: This product is for in vitro research use only