

SOX13 Conjugated Antibody

Catalog No: #C37250



Package Size: #C37250-AF350 100ul #C37250-AF405 100ul #C37250-AF488 100ul
 #C37250-AF555 100ul #C37250-AF594 100ul #C37250-AF647 100ul
 #C37250-AF680 100ul #C37250-AF750 100ul #C37250-Biotin 100ul

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Description

Product Name	SOX13 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total SOX13 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human SRY (sex determining region Y)-box 13
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ICA12; Sox-13
Accession No.	Swiss-Prot#:Q9UN79NCBI Gene ID:9580NCBI mRNA#:NCBI Protein#:NP_060889
Uniprot	Q9UN79
GeneID	9580;
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	69
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

This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. It has also been determined to be a type-1 diabetes autoantigen, also known as islet cell antibody 12.

Note: This product is for in vitro research use only