

## SOX8 Conjugated Antibody

Catalog No: #C37248



Package Size: #C37248-AF350 100ul #C37248-AF405 100ul #C37248-AF488 100ul  
 #C37248-AF555 100ul #C37248-AF594 100ul #C37248-AF647 100ul  
 #C37248-AF680 100ul #C37248-AF750 100ul #C37248-Biotin 100ul

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## Description

Product Name	SOX8 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SOX8 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human SRY (sex determining region Y)-box 8
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MGC24837;SOX8;Transcription factor SOX-8
Accession No.	Swiss-Prot#:P57073NCBI Gene ID:30812NCBI mRNA#:NCBI Protein#:NP_115980.1
Uniprot	P57073
GeneID	30812;
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	47
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

## Background

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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 the cell fate. The encoded protein may act as a transcriptional activator after forming a protein complex with other proteins. This protein may be involved in brain development and function. Haploinsufficiency for this protein may contribute to the mental retardation found in haemoglobin H-related mental retardation (ART-16 syndrome).

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Note: This product is for in vitro research use only