

EID3 Conjugated Antibody

Catalog No: #C37542



Package Size: #C37542-AF350 100ul #C37542-AF405 100ul #C37542-AF488 100ul
 #C37542-AF555 100ul #C37542-AF594 100ul #C37542-AF647 100ul
 #C37542-AF680 100ul #C37542-AF750 100ul #C37542-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	EID3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total EID3 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human EP300 interacting inhibitor of differentiation 3
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	NS4EB; NSE4B; NSMCE4B
Accession No.	Swiss-Prot#:Q8N140NCBI Gene ID:493861NCBI mRNA#:NCBI Protein#:NP_001005360
Uniprot	Q8N140
GeneID	493861;
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	38
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

EID3 is highly expressed in testis and shows homology to a region of EID1 implicated in binding to CBP/p300. EID3 acts as a potent inhibitor of nuclear receptor transcriptional activity by a mechanism that is independent of direct interactions with nuclear receptors, including SHP. Furthermore, EID3 directly binds to and blocks the SRC-1 interacting domain of CBP, which has been implicated to act as the interaction surface for nuclear receptor co-activators. Consistent with this idea, EID3 prevents recruitment of CBP to a natural nuclear receptor-regulated promoter.

Note: This product is for in vitro research use only