POU domain, class 5, transcription factor 1 Polyclonal Conjugated Antibody

Catalog No: #C42543

Orders: order@signalwayantibody.com
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Package Size: #C42543-AF350 100ul #C42543-AF405 100ul #C42543-AF488 100ul #C42543-AF555 100ul #C42543-AF594 100ul #C42543-AF647 100ul #C42543-AF680 100ul #C42543-AF750 100ul #C42543-Biotin 100ul

Description

Product Name	POU domain, class 5, transcription factor 1 Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total POU domain, class 5, transcription factor 1 polyclonal antibody.
Immunogen Description	Recombinant human POU domain, class 5, transcription factor 1 protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Octamer-binding protein 3,Oct-3,Octamer-binding protein 4,Oct-4,Octamer-binding transcription factor 3,OTF-3,POU5F1,OCT3, OCT4, OTF3
Accession No.	Swiss-Prot#:Q01860
Uniprot	Q01860
GeneID	5460;
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	39
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

Transcription factor that binds to the octamer motif (5'-ATTTGCAT-3\'). Forms a trimeric complex with SOX2 on DNA and controls the expression of a number of genes involved in embryonic development such as YES1, FGF4, UTF1 and ZFP206. Critical for early embryogenesis and for embryonic stem cell pluripotency.

Note: This product is for in vitro research use only