PKR (Phospho-Thr446) Conjugated Antibody

Catalog No: #C13333

Package Size: #C13333-AF350 100ul #C13333-AF405 100ul #C13333-AF488 100ul #C13333-AF555 100ul #C13333-AF594 100ul #C13333-AF647 100ul #C13333-AF680 100ul #C13333-AF750 100ul #C13333-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	PKR (Phospho-Thr446) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Peptide
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AGS antibody AHD antibody AWS antibody CD 339 antibody CD339 antibody CD339 antigen antibody Headturner antibody hJ1 antibody Htu antibody Jag 1 antibody Jag1 antibody JAG1_HUMAN antibody Jagged 1 antibody Jagged1 (Alagille syndrome) antibody Jagged1 antibody JAGL1 antibody MGC104644 antibody OTTHUMP00000030278 antibody Protein jagged-1 antibody Ser 1 antibody Ser1 antibody Serrate 1 antibody Slalom antibody
Accession No.	Swiss-Prot#:P78504
Uniprot	P78504
GeneID	182;
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	133
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

The LIN-12/Notch family of transmembrane receptors is believed to play a central role in development by regulating cell fate decisions. Ligands for Notch include Jagged1, Jagged2 and Delta. Jagged is a membrane protein and can activate Notch and prevent myoblast differentiation by inhibiting the expression of muscle regulatory and structural genes. It is involved in mammalian cardiovascular development and in cell-fate decisions during hematopoiesis. Jagged is expressed in adult and fetal tissues, and expression is upregulated in cervical squamous cell carcinoma. Familial Tetralogy of Fallot, the most common form of complex congenital heart disease, is caused by a mutation in the Jagged1 gene.

Note: This product is for in vitro research use only