

# Jak2 (Ab-570) Conjugated Antibody

Catalog No: #C21522



Package Size: #C21522-AF350 100ul #C21522-AF405 100ul #C21522-AF488 100ul  
 #C21522-AF555 100ul #C21522-AF594 100ul #C21522-AF647 100ul  
 #C21522-AF680 100ul #C21522-AF750 100ul #C21522-Biotin 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
 Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Jak2 (Ab-570) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous level of total Jak2 protein.
Immunogen Description	Peptide sequence around aa.568~572 (G-D-Y-G-Q) derived from Human JAK2.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	JAK-2; Janus kinase 2; kinase Jak2
Accession No.	Swiss-Prot#:O60674 NCBI Gene ID:3717 NCBI mRNA#:NM_004972.3 NCBI Protein#:NP_004963.1
Uniprot	O60674
GeneID	3717;
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	125
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

## Product Description

---

Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

## Background

---

Plays a role in leptin signaling and control of body weight

---

Note: This product is for in vitro research use only