

## KLHL36 Conjugated Antibody

Catalog No: #C46593



Package Size: #C46593-AF350 100ul #C46593-AF405 100ul #C46593-AF488 100ul  
 #C46593-AF555 100ul #C46593-AF594 100ul #C46593-AF647 100ul  
 #C46593-AF680 100ul #C46593-AF750 100ul #C46593-Biotin 100ul

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

## Description

Product Name	KLHL36 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total KLHL36 protein.
Immunogen Description	Synthetic peptide corresponding to internal residues of human KLHL36
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	C16orf44
Accession No.	Swiss-Prot#:Q8N4N3NCBI Gene ID:79786NCBI mRNA#:NCBI Protein#:NP_079007
Uniprot	Q8N4N3
GeneID	79786;
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	70
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

---

C16orf44 is a 616 amino acid protein that contains six Kelch repeats, one BTB/POZ domain and one BTB/Kelch associated (BACK) domain. C16orf44 is believed to play a role in protein ubiquitination and may function as a substrate-specific adapter of an E3 ubiquitin-protein ligase complex. E3 ligases accept a ubiquitin residue from an E2 ubiquitin-conjugating enzyme and immediately transfer that residue to a protein that is targeted for degradation. Specifically, C16orf44 interacts with CUL-3, a member of the cullin family of mediators that participate in the selective targeting of proteins for ubiquitin-mediated proteolysis. Due to alternative splicing events, two isoforms of C16orf44 are expressed.

---

Note: This product is for in vitro research use only