

BRI3BP Conjugated Antibody

Catalog No: #C43694



Package Size: #C43694-AF350 100ul #C43694-AF405 100ul #C43694-AF488 100ul
 #C43694-AF555 100ul #C43694-AF594 100ul #C43694-AF647 100ul
 #C43694-AF680 100ul #C43694-AF750 100ul #C43694-Biotin 100ul

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Description

Product Name	BRI3BP Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total BRI3BP protein.
Immunogen Description	Synthetic peptide of human BRI3BP
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	KG19;BNAS1;HCCR-1;HCCR-2;HCCRBP-1
Accession No.	Swiss-Prot#:Q8WY22NCBI Gene ID:140707NCBI mRNA#:NCBI Protein#:NP_542193
Uniprot	Q8WY22
GeneID	140707;
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	28
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

BRI3BP (BRI3 binding protein), also known as BNAS1, HCCR-1, I3-binding protein or cervical cancer 1 proto-oncogene-binding protein KG19, is a 251 amino acid multi-pass membrane protein. Though widely expressed, BRI3BP is found at highest levels in brain, kidney and liver where it localizes to the endoplasmic reticulum (ER) and is involved in ER structural dynamics and mitochondrial viability. Possessing pro-apoptotic properties and the ability to potentiate drug-induced apoptosis, BRI3BP overexpression has been shown to enhance caspase-3 and mitochondrial cytochrome c release in etoposide-treated human embryonic kidney 293T cells.

Note: This product is for in vitro research use only