

Polyclonal Antibody to BBIP10 - Aff - Purified

Alternate names:	BBSome-interacting protein 1, BBSome-interacting protein of 10 kDa
Catalog No.:	AP55962PU-N
Quantity:	0.1 mg
Concentration:	lot-specific
Background:	BBIP10 is a BBSome that is a highly conserved Bardet-Biedl syndrome (BBS) protein. BBS is characterized by a dysfunction in the cilium that affects the development and homeostasis of a number of organ systems. BBIP10 is found in the primary cilium of ciliated organisms and, unlike other BBSome proteins, BBIP10 is necessary for microtubule polymerization and acetylation. BBIP10 seems to be important for the formation and maintenance of the BBSome complex and have a second function in the cytoplasm to stabilize microtubules.
Uniprot ID:	A8MTZO
NCBI:	NP_001182234.1
GeneID:	92482
Host:	Rabbit
Immunogen:	KLH-conjugated linear peptide corresponding to human BBIP10.
Format:	State: Liquid purified Ig fraction Purification: Affinity Chromatography Buffer System: 0.1 M Tris-Glycine (pH 7.4), 150 mM NaCl with 0.05% sodium azide.
Applications:	Western Blot: 1 µg/mL of this antibody detected BBIP10 in 10 µg of Jurkat cell lysate.. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Demonstrated to react with Human and Mouse. Other homologies: Rat (92% sequence homology).
Storage:	Store undiluted at 2-8°C. Shelf life: one year from despatch.

Pictures:

Western Blotting Analysis:
Representative lot data.
Jurkat cell lysate was probed with Anti-BBIP10 (1 µg/mL).
Proteins were visualized using a Donkey Anti-Rabbit IgG secondary antibody conjugated to HRP and a chemiluminescence detection system.
Arrow indicates BBIP10 (~10 kDa).

