

For Research Use Only

BBS4 Recombinant antibody

Catalog Number: 82961-3-RR



Basic Information

Catalog Number: 82961-3-RR	GenBank Accession Number: BC027624	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 585	CloneNo.: 230303E4
Source: Rabbit	UNIPROT ID: Q96RK4	
Isotype: IgG	Full Name: Bardet-Biedl syndrome 4	
Immunogen Catalog Number: AG3430	Calculated MW: 519 aa, 58 kDa	

Applications

Tested Applications:
ELISA

Species Specificity:
Human

Background Information

BBS4 (Bardet-Biedl syndrome protein 4) is one of the early BBS proteins discovered, with 35 mutations reported to cause the BBS phenotype (PMID: 26762677). BBS4 undergoes localization to the centriolar satellites of centrosomes and basal body of primary cilia, where it takes part in recruiting cargo to centriolar satellites and allowing the formation of a functional centrosomal microtubule organizing center (MTOC) (PMID: 25860617). Some research has found that BBS4 expression in humans during the development of CNS and sensory organs, concerning the cardinal clinical signs of BBS (PMID: 33860840).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

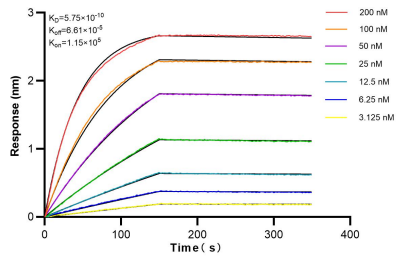
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Selected Validation Data



Biolayer interferometry (BLI) kinetic assays of 82961-3-RR against Human BBS4 were performed. The affinity constant is 0.575 nM.