

For Research Use Only

CCDC64B Polyclonal antibody

Catalog Number: 22770-1-AP



Basic Information

Catalog Number: 22770-1-AP	GenBank Accession Number: BC128602	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1200 µg/ml by Nanodrop;	GeneID (NCBI): 146439	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: coiled-coil domain containing 64B	
Isotype: IgG	Calculated MW: 508 aa, 57 kDa	
Immunogen Catalog Number: AG18720	Observed MW: 57 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: human	WB: MCF-7 cells, IHC: human breast cancer tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

CCDC64B, also named as BICDL2 and BICDR2, belongs to BICD family. It was officially named by Schlager et al (2010) in a sequence homology search for new mammalian BICD-like proteins. At present, there is still little study on this protein, which may involve the vesicle transport along microtubule, and Golgi to secretory granule transport. BICDR2 has 2 isoforms with the molecular mass of 57 and 34 kDa (PMID:20360680, 20485297).

Storage

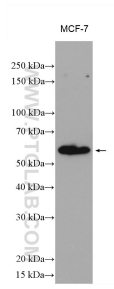
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

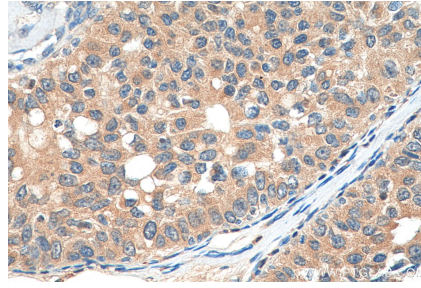
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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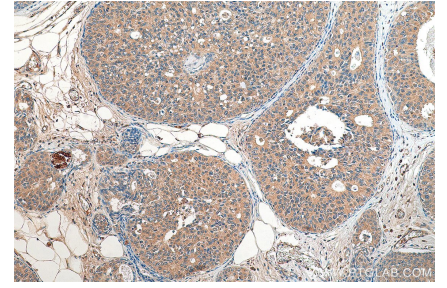
Selected Validation Data



MCF-7 lysates were subjected to SDS PAGE followed by western blot with 22770-1-AP (CCDC64B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 22770-1-AP (CCDC64B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 22770-1-AP (CCDC64B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).