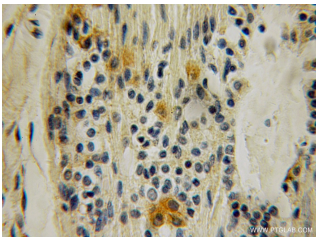
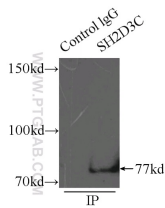


SH2D3C Polyclonal Antibody

Catalog number: 12882-1-AP
Size: 34 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
SH2D3C; CHAT, FLJ39664, Novel SH2 containing protein 3, NSP3, PRO34088, SH2 domain containing 3C, SH2D3C

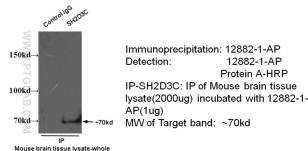


Immunohistochemical of paraffin-embedded human breast cancer using 12882-1-AP (SH2D3C antibody) at dilution of 1:100 (under 10x lens)

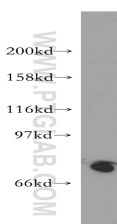


IP Result of anti-SH2D3C (IP:12882-1-AP, 3µg; Detection:12882-1-AP 1:500) with mouse brain tissue lysate 6000µg.

IP & WB of 12882-1-AP with Mouse brain tissue



IP result of SH2D3C antibody (12882-1-AP for IP and Detection) with mouse brain tissue lysate.



HEK-293 cells were subjected to SDS PAGE followed by

Background

SH2 domain-containing protein 3C (SH2D3C, or NSP3) gene encodes an adaptor protein and member of a cytoplasmic protein family involved in cell migration. The encoded protein was identified as an Eph receptor-binding protein which may be a positive regulator of TCR signaling (PMID: 10542222). SH2D3C is an adaptor protein that has been implicated in T cell activation and shown to associate with different components of the integrin signaling pathway *ex vivo*, moreover, its primary *in vivo* role of Sh2d3c in regulating B cell development and function has also been demonstrated (PMID: 20505138).

Applications

Tested applications:	ELISA, WB, IHC, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated SH2D3C MW:	94 kDa or 86 kDa or 77 kDa
Observed SH2D3C MW:	77 kDa
Positive WB detected in	HEK-293 cells, human brain tissue, human placenta tissue
Positive IP detected in	Mouse brain tissue,
Positive IHC detected in	Human breast cancer tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3887
GenBank accession number:	BC027962
Gene ID (NCBI):	10044
Full name:	SH2 domain containing 3C

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

western blot with 12882-1-
AP(SH2D3C antibody) at
dilution of 1:300