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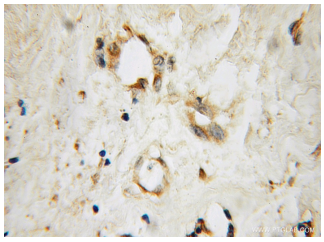
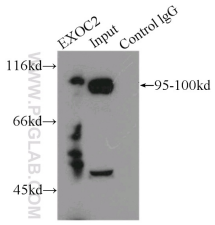
SEC5/EXOC2 Polyclonal Antibody

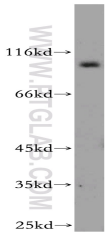
Catalog number: 12751-1-AP
Size: 35 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
EXOC2; EXOC2, exocyst complex component 2, Exocyst complex component Sec5, FLJ11026, SEC5, SEC5L1, Sec5p



Immunohistochemical of paraffin-embedded human breast cancer using 12751-1-AP(SEC5 antibody) at dilution of 1:100 (under 10x lens)



IP Result of anti-SEC5 (IP:12751-1-AP, 5ug; Detection:12751-1-AP 1:500) with mouse brain tissue lysate 3000ug.



mouse brain tissue were subjected to SDS PAGE followed by western blot with 12751-1-AP(SEC5 antibody) at dilution of 1:500

Background

EXOC2 (exocyst complex component 2), also known as SEC5 and SEC5L1, is a component of the exocyst complex, and is required to mediate RalB-dependent survival signals in transformed cells. The exocyst complex, composed of eight evolutionarily conserved subunits (SEC3, SEC5, SEC6, SEC8, SEC10, SEC15, EXO70, and EXO84), is involved in tethering post-Golgi secretory vesicles to specific plasma membrane domains. The gene of EXOC2 maps to chromosome 6p25.3, and encodes a 924-amino acid protein with an experimentally determined molecular mass of 95-100 kDa. EXOC2 mRNA is widely expressed with highest levels in brain and placenta.

Applications

Tested applications:	**ELISA, IHC, IP, WB**
Cited applications:	**IF, IP, WB**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Cited species:	**Human, mouse, rat**
Caculated SEC5/EXOC2 MW:	**924aa,104 kDa**
Observed SEC5/EXOC2 MW:	**95-100 kDa**
Positive WB detected in	**Mouse brain tissue, human brain tissue, human ileum tissue**
Positive IP detected in	**Mouse brain tissue**
Positive IHC detected in	**Human breast cancer tissue**
Recommended dilution:	**WB: 1:200-1:2000**
	IP: 1:200-1:2000
	IHC: 1:20-1:200

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

Immunogen information

Immunogen:	**Ag3147**
GenBank accession number:	**BC016918**
Gene ID (NCBI):	**55770**
Full name:	**Exocyst complex component 2**

Product information

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