

GNB5 Polyclonal Antibody

Catalog number: 11045-2-AP

Size: 20 µg/150 µl

Source: Rabbit

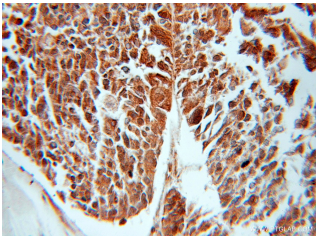
Isotype: IgG

Synonyms:

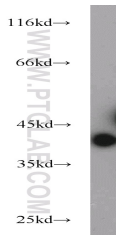
GNB5; FLJ37457, FLJ43714,

GB5, Gbeta5, GNB5, Transducin

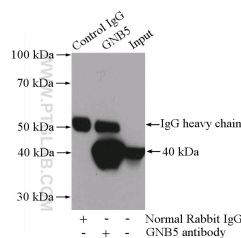
beta chain 5



Immunohistochemical of paraffin-embedded human ovary tumor using 11045-2-AP (GNB5 antibody) at dilution of 1:100 (under 10x lens)



mouse brain tissue were subjected to SDS PAGE followed by western blot with 11045-2-AP (GNB5 antibody) at dilution of 1:1000



IP Result of anti-GNB5 (IP:11045-2-AP, 4µg; Detection:11045-2-AP 1:500) with rat brain tissue lysate 4000µg.

Background

Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. G proteins, which integrate signals between receptors and effector proteins, are composed of an alpha, a beta, and a gamma subunit.

Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated GNB5 MW:	39 kDa
Observed GNB5 MW:	39-42 kDa
Positive WB detected in	Mouse brain tissue, human brain tissue
Positive IP detected in	Rat brain tissue
Positive IHC detected in	Human ovary tumor 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:	Ag1518
GenBank accession number:	BC011671
Gene ID (NCBI):	10681
Full name:	Guanine nucleotide binding protein (G protein), beta 5

Product information

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