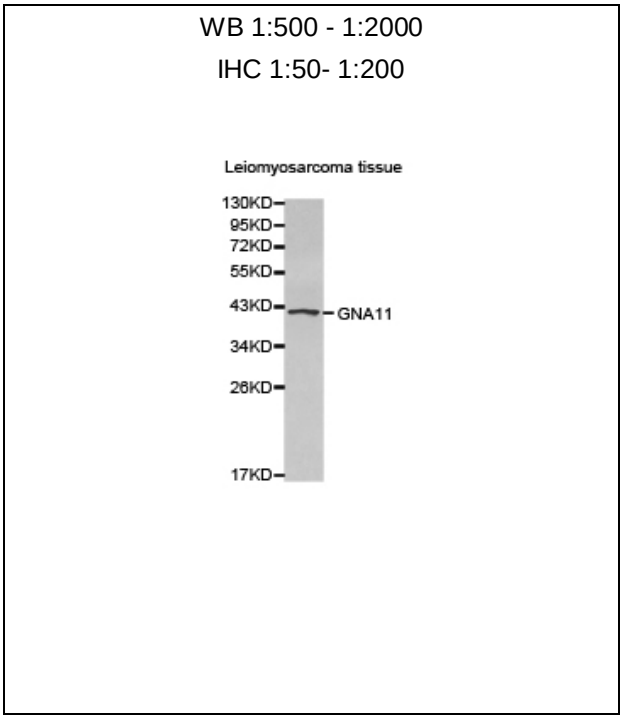
GNA11Polyclonal Antibody

E92731

Catalog Number: E92731
Amount: 100ul
Background: Heterotrimeric guanine nucleotide-binding proteins (G proteins) consist of α, β and γ subunits and mediate the effects of hormones, neurotransmitters, chemokines and sensory stimuli. To date, over 20 known Gα subunits have been classified into four families, Gα(s), Gα(i/o), Gα(q) and Gα(12), based on structural and functional similarities (1,2). Phosphorylation of Tyr356 of Gα(q)/Gα(11) is essential for activation of the G protein, since phenylalanine substitution for Tyr356 changes the interaction of Gα with receptors and abolishes ligand-induced IP3 formation (3).
Species: Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: GNA-11;
Immunogen: Recombinant protein of human GNA11
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 42kDa
Swiss-Prot No. : P29992
Gene ID: 2767
References: 1. Offermanns, S. (2001) Oncogene 20, 1635-42. 2. Pierce, K.L. et al. (2002) Nat Rev Mol Cell Biol 3, 639-50. 3. Umemori, H. et al. (1997) Science 276, 1878-81.

WB 1:500 - 1:2000
IHC 1:50- 1:200



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Western blot analysis of extracts of Leiomyosarcomatissue celllines, using GNA11antibody.