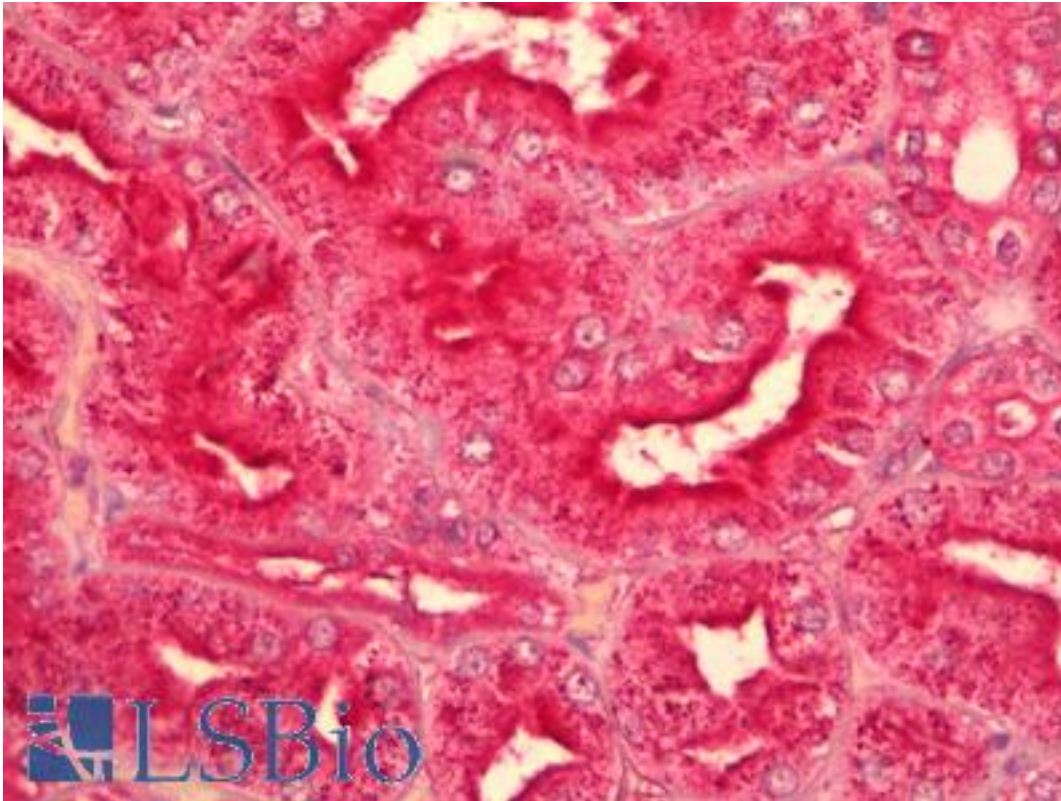


**GNAQ Goat anti-Human Polyclonal (Internal) Antibody - LS-B6346 - LSBio**

<b>CatalogID:</b>	LS-B6346
<b>Validation:</b>	This antibody replaces catalog number LS-C139748. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	guanine nucleotide binding protein (G protein), q polypeptide (GNAQ)
<b>Synonyms:</b>	GNAQ Antibody, G-ALPHA-q Antibody, GAQ Antibody
<b>Host</b>	GNAQ antibody was produced in Goat
<b>Clonality:</b>	Polyclonal
<b>Immunogen Species:</b>	GNAQ antibody was raised against Human
<b>Antigen Type:</b>	Synthetic peptide
<b>Immunogen:</b>	GNAQ antibody was raised against synthetic peptide C-NDLDRVADPAYLPT from an internal region of human GNAQ (NP_002063.2). Percent identity by BLAST analysis: Human, Gibbon, Monkey, Marmoset, Elephant, Panda, Bovine, Bat, Dog, Rabbit, Pig, Opossum (100%); Mouse, Rat, Hamster, Horse, Platypus (93%); Drosophila (86%).
<b>Specificity:</b>	Human GNAQ.
<b>Epitope:</b>	Internal
<b>Reactivity:</b>	Human, Gibbon, Monkey, Rat, Bat, Bovine, Dog, Pig, Rabbit
<b>Predicted Reactivity:</b>	Mouse, Hamster, Horse
<b>Purification:</b>	Immunoaffinity purified
<b>Presentation:</b>	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
<b>Recommended Storage:</b>	Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.
<b>Usage Summary:</b>	Peptide ELISA: antibody detection limit dilution 1:64000. Western blot: Approx 38 to 40kD band observed in Human, Mouse and Rat Testis lysates (calculated MW of 42.1kD according to Human NP_002063.2 and to Rat NP_112298.1 ). Recommended concentration: 0.1-0.3 ug/ml.
<b>Uses:</b>	IHC - Paraffin (5 µg/ml), Western blot (0.1 - 0.3 µg/ml), ELISA (1:64000) (Optimal dilution to be determined by the researcher)
<b>Size:</b>	50 µg
<b>Concentration:</b>	0.5 mg/ml

**Immunohistochemistry Image:**



Anti-GNAQ antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B6346 concentration 5 ug/ml.

**Western Blot Image:**



GNAQ antibody (0.1 ug/ml) staining of Rat Testis lysate (35 ug protein/ml in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

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Created on 9/24/2014

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