

Rabbit anti-Human, Rat GNAI3 Polyclonal Antibody | anti-GNAI3 antibody

GNAI3 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313794	Rabbit	Human, Rat	Immunohistochemistry, Western Blot

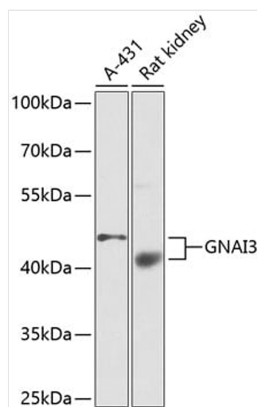
PRODUCT SYNONYMS

GNAI3; Polyclonal Antibody; GNAI3 Rabbit Polyclonal Antibody; 87U6; ARCND1; anti-GNAI3 antibody

PRODUCT SPECIFICATIONS

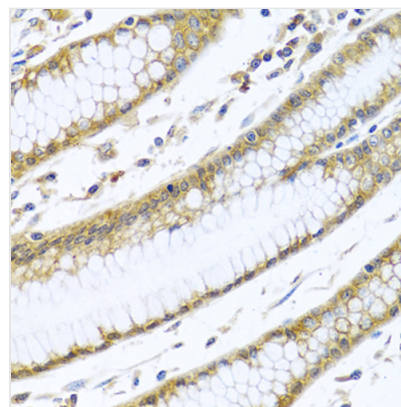
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-GNAI3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human GNAI3 (NP_006487.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



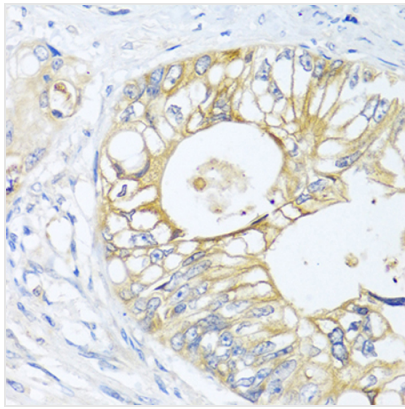
WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GNAI3 at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 30s.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using GNAI3 at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using GNAI3 at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-GNAI3 antibody	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling pathways. G proteins are composed of 3 units: alpha, beta and gamma. This gene encodes an alpha subunit and belongs to the G-alpha family. Mutation in this gene, resulting in a gly40-to-arg substitution, is associated with auriculocondylar syndrome, and shown to affect downstream targets in the G protein-coupled endothelin receptor pathway.
Product Categories/Family for anti-GNAI3 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729850
NCBI GeneID	2773
NCBI Accession #	NP_006487.1
NCBI GenBank Nucleotide #	NM_006496.3
UniProt Accession #	P08754; P17539
Molecular Weight	40,532 Da
NCBI Official Full Name	guanine nucleotide-binding protein G(k) subunit alpha
NCBI Official Synonym Full Names	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3
NCBI Official Symbol	GNAI3
NCBI Official Synonym Symbols	87U6; ARCND1
NCBI Protein Information	guanine nucleotide-binding protein G(k) subunit alpha; guanine nucleotide-binding protein G(k) subunit alpha; g(i) alpha-3
UniProt Protein Name	Guanine nucleotide-binding protein G(k) subunit alpha
UniProt Gene Name	GNAI3
UniProt Entry Name	GNAI3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gnai3-antibody-immunohistochemistry-western-blot-elisa/313794>