

Datasheet for ABIN470852 **anti-GNAI1 antibody (AA 345-354)**



[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	GNAI1
Binding Specificity:	AA 345-354
Reactivity:	Human, Mouse, Rat, Cow, Pig, Guinea Pig, Dog, Rabbit, Zebrafish (Danio rerio), Horse, Hamster, Monkey, Bat, Chicken, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAI1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Immunogen:	Synthetic peptide (KNNLKDCGLF) corresponding to the C-terminal region shared by rat Gia-1 and Gia-2, coupled to KLH. Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bat, Bovine, Dog, Horse, Rabbit, Pig, Opossum, Guinea pig, Turkey, Chicken, Platypus, Lizard, Xenopus, Seabass, Catfish, Salmon, Stickleback, Medaka, Pufferfish, Zebrafish (100%). Type of Immunogen: Synthetic peptide - KLH conjugated
Isotype:	IgG
Specificity:	Recognizes rat Gia-1 and Gia-2, Mr 40kD. Does not cross-react with Gia-3 or Goa. Species cross-reactivity: Human, bovine and mouse.

Product Details

Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bat, Bovine, Dog, Horse, Rabbit, Pig, Opossum, Guinea pig, Turkey, Chicken, Platypus, Lizard, Xenopus, Seabass, Catfish, Salmon, Stickleback, Medaka, Pufferfish, Zebrafish (100%).
-----------------------	--

Purification:	Protein A purified
---------------	--------------------

Target Details

Target:	GNAI1
Alternative Name:	GNAI1 / Gi (GNAI1 Products)
Background:	Name/Gene ID: GNAI1 Synonyms: GNAI1, Gi1 protein alpha subunit, Gi
Gene ID:	2770
UniProt:	P63096
Pathways:	G-protein mediated Events

Application Details

Application Notes:	Approved: ICC (1:500), IP, WB (1:500 - 1:1000) Usage: Suitable for use in Western Blot, Immunoprecipitation and Immunocytochemistry. Proteins were visualized using a goat anti-rabbit secondary antibody conjugated to HRP and a chemiluminescence detection system. Immunocytochemistry: 1:500 dilution gave positive immunostaining of mouse 3T3/A31 fibroblasts fixed for 3 minutes with ice-cold 100 % acetone.
Comment:	Target Species of Antibody: Rat
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.2. No preservative added.
Preservative:	Without preservative

Handling

Handling Advice:	Avoid repeated freezing and thawing.
------------------	--------------------------------------

Storage:	4 °C,-20 °C
----------	-------------

Storage Comment:	4°C or -20°C, Avoid freeze-thaw cycles.
------------------	---