

Datasheet for ABIN7144252

anti-Ankyrin G antibody (AA 3540-3719) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Ankyrin G (ANK3)
Binding Specificity:	AA 3540-3719
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ankyrin G antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Ankyrin-3 protein (3540-3719AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Ankyrin G (ANK3)
Alternative Name:	ANK3 (ANK3 Products)
Background:	Background: In skeletal muscle, required for costamere localization of DMD and betaDAG1 (By similarity). Membrane-cytoskeleton linker. May participate in the maintenance/targeting of ion

Target Details

channels and cell adhesion molecules at the nodes of Ranvier and axonal initial segments. Regulates KCNA1 channel activity in function of dietary Mg(2+) levels, and thereby contributes to the regulation of renal Mg(2+) reabsorption (PubMed:23903368).

Aliases: ANK-3 antibody, ANK3 antibody, ANK3_HUMAN antibody, ankyrin 3 (G) antibody, Ankyrin 3, node of Ranvier (ankyrin G) antibody, Ankyrin 3, node of Ranvier antibody, Ankyrin G antibody, Ankyrin G119 antibody, Ankyrin-3 antibody, Ankyrin-G antibody, brain specific ankyrin G antibody, CHANK3 antibody, FLJ45464 antibody, OTTHUMP00000217458 antibody, OTTHUMP00000217575 antibody, RP11 369L1.1 antibody

UniProt: [Q12955](#)

Pathways: [Synaptic Membrane](#), [Maintenance of Protein Location](#), [Skeletal Muscle Fiber Development](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.