

Datasheet for ABIN6297828

anti-Actin, gamma 1 antibody (Biotin)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Actin, gamma 1 (ACTG1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Actin, gamma 1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Rabbit anti-Human ACTG Biotinylated Antibody
Immunogen:	This antibody was produced from antiserum of rabbits immunized with a recombinant protein immunogen. The IgG fraction was purified by Protein G/A affinity chromatography.

Target Details

Target:	Actin, gamma 1 (ACTG1)
Alternative Name:	ACTG (ACTG1 Products)
Background:	Target Description: Actins are highly conserved proteins that are involved in various types of cell motility, and maintenance of the cytoskeleton. In vertebrates, three main groups of actin isoforms, alpha, beta and gamma have been identified. The alpha actins are found in muscle tissues and are a major constituent of the contractile apparatus. The beta and gamma actins co-exist in most cell types as components of the cytoskeleton, and as mediators of internal cell

Target Details

motility. Actin, gamma 1, encoded by this gene, is a cytoplasmic actin found in non-muscle cells. Mutations in this gene are associated with DFNA20/26, a subtype of autosomal dominant non-syndromic sensorineural progressive hearing loss. Alternative splicing results in multiple transcript variants.

UniProt: [P63261](#)

Pathways: [Myometrial Relaxation and Contraction](#), [Cell-Cell Junction Organization](#)

Application Details

Application Notes: ELISA (recommended dilution= 1:320,000), Western Blotting (recommended dilution= 1:1,000-5,000)

Restrictions: For Research Use only

Handling

Reconstitution: A separate vial of dilution buffer is provided for reconstitution. The antibody is supplied lyophilized, originally containing PBS, without preservative stabilizers (e. g. sodium azide). The final amount is indicated on the shipping vial.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: -20°C