

Datasheet for ABIN452715

anti-Actin, gamma 1 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	Actin, gamma 1 (ACTG1)
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Actin, gamma 1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the Center region of human ACTG1
Specificity:	This antibody detects Actin gamma / ACTG at Center.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	Actin, gamma 1 (ACTG1)
Alternative Name:	Actin gamma / ACTG (ACTG1 Products)
Background:	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,

Target Details

	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 motility. Actin, gamma 1, is a cytoplasmic actin found in nonmuscle cells.
Molecular Weight:	41793 Da
Gene ID:	71
NCBI Accession:	NP_001605
UniProt:	P63261
Pathways:	Myometrial Relaxation and Contraction , Cell-Cell Junction Organization

Application Details

Application Notes:	ELISA: 1: 1,000. Western blot: 1: 50 - 1: 100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Image 1.