Product Datasheet

ACTG1 Antibody

Catalog No: #31004

Package Size: #31004-1 50ul #31004-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	ACTG1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total ACTG1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 4-379 amino acids of human actin, gamma 1
Target Name	ACTG1
Other Names	actin, gamma 1, ACT, ACTG, BRWS2, DFNA20, DFNA26
Accession No.	Swiss-Prot:P63261Gene ID:71;
Uniprot	P63261
GeneID	71;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C/1 year

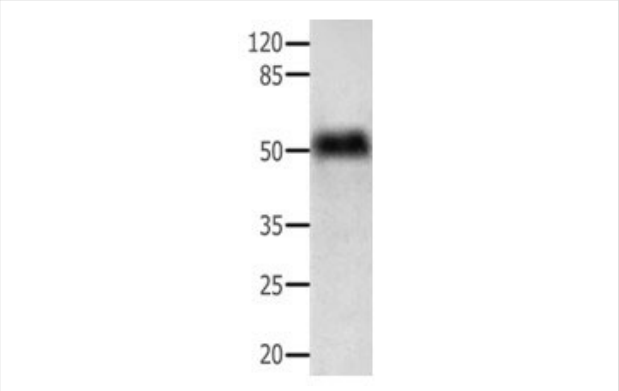
Application Details

Predicted MW: 42kd

ELISA: 1:2000-1:5000

Western blotting: 1:500-1:2000

Images



Gel: 10%+12%SDS-PAGE
Lysate: 40 µg Human lymphoma tissue lysate
Primary antibody: 1/350 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
Exposure time: 1 second

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, 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, 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.

Note: This product is for in vitro research use only