

Datasheet for ABIN571143
anti-FRG1 antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	FRG1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FRG1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	FRG1
Immunogen:	Peptide with sequence C-TVTNFG EISGT, from the internal region of the protein sequence according to NP_004468.1.
Sequence:	TVTNFG EISG T
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	FRG1
Alternative Name:	FRG1 (FRG1 Products)
Background:	FRG1, FSHD region gene 1, FRG1A, FSG1, facioscapulohumeral muscular dystrophy region gene-1
Gene ID:	2483, 14300, 361156
NCBI Accession:	NP_004468

Application Details

Application Notes:	Western Blot: Approx 35 kDa double band observed in nuclear lysates of cell line Jurkat (calculated MW of 29.2 kDa according to NP_004468.1). This molecular weight is routinely observed by other sources. Peptide ELISA: antibody detection limit dilution 1:2000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN571143 (2µg/ml) staining of Jurkat nuclear lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.