



# Anti-FRG1 (internal region) polyclonal antibody (DPAB-DC1165)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene maps to a location 100 kb centromeric of the repeat units on chromosome 4q35 which are deleted in facioscapulohumeral muscular dystrophy (FSHD). It is evolutionarily conserved and has related sequences on multiple human chromosomes but DNA sequence analysis did not reveal any homology to known genes. In vivo studies demonstrate the encoded protein is localized to the nucleolus.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids at internal region of human FRG1. The sequence is C-TVTNFGEISGT
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">FRG1 FSHD region gene 1 [ Homo sapiens (human) ]</a>
Official Symbol	FRG1
Synonyms	FRG1; FSHD region gene 1; FSG1; FRG1A; protein FRG1; FSHD region gene 1 protein; facioscapulohumeral muscular dystrophy region gene-1;
Entrez Gene ID	<a href="#">2483</a>
Protein Refseq	<a href="#">NP_004468</a>
UniProt ID	<a href="#">Q14331</a>
Chromosome Location	4q35
Function	poly(A) RNA binding; protein binding;