



# Anti-FLNB polyclonal antibody (DPAB-DC1055)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the filamin family. The encoded protein interacts with glycoprotein Ib alpha as part of the process to repair vascular injuries. The platelet glycoprotein Ib complex includes glycoprotein Ib alpha, and it binds the actin cytoskeleton. Mutations in this gene have been found in several conditions: atelosteogenesis type 1 and type 3; boomerang dysplasia; autosomal dominant Larsen syndrome; and spondylocarpotarsal synostosis syndrome. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene.
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<b>Immunogen</b>	A synthetic peptide corresponding to human FLNB. The sequence is KITDDSRRC SQVK
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<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="#">FLNB filamin B, beta [ Homo sapiens (human) ]</a>
Official Symbol	FLNB
Synonyms	FLNB; filamin B, beta; AOI; FH1; SCT; TAP; LRS1; TABP; FLN-B; FLN1L; ABP-278; ABP-280; filamin-B; filamin-3; beta-filamin; ABP-280 homolog; filamin homolog 1; thyroid autoantigen; actin binding protein 278; actin-binding-like protein; Larsen syndrome 1 (autosomal dominant);
Entrez Gene ID	<a href="#">2317</a>
Protein Refseq	<a href="#">NP_001157789</a>
UniProt ID	<a href="#">O75369</a>
Chromosome Location	3p14.3
Pathway	Antiviral mechanism by IFN-stimulated genes; Focal adhesion; Immune System; MAPK signaling pathway
Function	actin binding; identical protein binding; poly(A) RNA binding; protein binding