



Anti-SYNE2 (aa 6702-6799) polyclonal antibody (DPAB-DC1065)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a nuclear outer membrane protein that binds cytoplasmic F-actin. This binding tethers the nucleus to the cytoskeleton and aids in the maintenance of the structural integrity of the nucleus. Several transcript variants encoding different isoforms have been found for this gene.
Immunogen	SYNE2 (NP_055995, 6702 a.a. ~ 6799 a.a) partial recombinant protein with GST tag. The sequence is CRRELMQLEKELVERQPQVDMLQEISNSLLIKGHGEDCIEAEEKVHVIEKKLKLREQVS QDLMALQGTQNPASPLPSFDEVDSGDQPPATSVAPRA
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [SYNE2 spectrin repeat containing, nuclear envelope 2 \[Homo sapiens \(human\) \]](#)

Official Symbol	SYNE2
Synonyms	SYNE2; spectrin repeat containing, nuclear envelope 2; NUA; EDMD5; Nesp2; TROPH; NUANCE; SYNE-2; Nesprin-2; nesprin-2; nesprin 2; polytrophin; synaptic nuclei expressed gene 2; nuclear envelope spectrin repeat-2; synaptic nuclear envelope protein 2; nuclear envelope spectrin repeat protein 2; nucleus and actin connecting element protein;
Entrez Gene ID	23224
Protein Refseq	NP_055995
UniProt ID	Q8WXH0
Chromosome Location	14q23.2
Pathway	Cell Cycle; Meiotic synapsis.
Function	actin binding; protein binding;