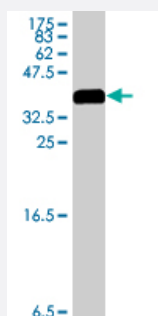


SYNE2 polyclonal antibody (A01)

Catalog # H00023224-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (36.89 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant SYNE2.
Immunogen	SYNE2 (NP_055995, 6702 a.a. ~ 6799 a.a) partial recombinant protein with GST tag.
Sequence	CRRELMQLEKELVERQPQVDMLQEISNSLLIKGHGEDCIEAEEKVHVIEKKLKQLREQVSQDLMA LQGTQNPASPLPSFDEVDSDGQPPATSVAPRA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (69)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.89 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SYNE2

Entrez GeneID	23224
GeneBank Accession#	NM_015180
Protein Accession#	NP_055995
Gene Name	SYNE2
Gene Alias	DKFZp434H2235, DKFZp686E01115, DKFZp686H1931, FLJ11014, FLJ43727, FLJ45710, FLJ46790, KIAA1011, NUA, NUANCE, Nesprin-2, SYNE-2
Gene Description	spectrin repeat containing, nuclear envelope 2
Omim ID	608442
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	nesprin 2 nucleus and actin connecting element synaptic nuclei expressed gene 2

Publication Reference

- [A Mutation in Syne2 Causes Early Retinal Defects in Photoreceptors, Secondary Neurons, and Muller Glia.](#)

Maddox DM, Collin GB, Ikeda A, Pratt CH, Ikeda S, Johnson BA, Hurd RE, Shopland LS, Naggert JK, Chang B, Krebs MP, Nishina PM.

Investigative Ophthalmology & Visual Science 2015 Jun; 56(6):3776.

Application: WB-Ti, Mouse, Eyes

Disease

- [Kidney Failure](#)
- [Tobacco Use Disorder](#)