

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse SDPR in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human SDPR Gly2-Val180 Accession # O95810
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

SDPR (Serum deprivation response gene; also SDR and PS-p68) is a 68-70 kDa member of the PTRF/SDPR family of proteins. It is expressed in striated muscle, platelets, and fibroblasts, and is cytosolic in location. SDPR is known to bind phosphatidylserine and form complexes with both PKCα and PTRF, targeting them to caveolae. Human SDPR is 425 amino acids (aa) in length. It contains an N-terminal acetylglycine, three coiled-coil regions (aa 61-82, 125-154, and 210-268), and two serine phosphorylation sites at positions 287 and 293. Over aa 1-180, human SDPR shares 91% aa identity with mouse SDPR.

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