Datasheet for ABIN7601544

anti-SGCE antibody (AA 38-407)

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Overview

Quantity:	100 µg
Target:	SGCE
Binding Specificity:	AA 38-407
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SGCE antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-SGCE Antibody Picoband®
Immunogen:	E.coli-derived human SGCE recombinant protein (Position: Y38-D407).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SGCE Antibody Picoband® (ABIN7601544). Tested in ELISA, Flow Cytometry, IHC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	SGCE
Alternative Name:	SGCE (SGCE Products)
Background:	Synonyms: Tumor necrosis factor receptor superfamily member 4, MRC OX40, OX40 antigen, OX40L receptor, CD134, Tnfrsf4, Ox40, Txgp1l Background: Epsilon-sarcoglycan is a protein that in humans is encoded by the SGCE gene. This gene encodes the epsilon member of the sarcoglycan family. Sarcoglycans are transmembrane proteins that are components of the dystrophin-glycoprotein complex, which link the actin cytoskeleton to the extracellular matrix. Unlike other family members which are predominantly expressed in striated muscle, the epsilon sarcoglycan is more broadly expressed. Mutations in this gene are associated with myoclonus-dystonia syndrome. This gene is imprinted, with preferential expression from the paternal allele. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. A pseudogene associated with this gene is located on chromosome 2.
Molecular Weight:	50 kDa
Gene ID:	8910
UniProt:	O43556

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Asmus, F., Salih, F., Hjermind, L. E., Ostergaard, K., Munz, M., Kuhn, A. A., Dupont, E., Kupsch, A., Gasser, T. Myoclonus-dystonia due to genomic deletions in the epsilon-sarcoglycan gene. Ann. Neurol. 58: 792-797, 2005. 2. Asmus, F., Zimprich, A., Tezenas du Montcel, S., Kabus, C., Deuschl, G., Kupsch, A., Ziemann, U., Castro, M., Kuhn, A. A., Strom, T. M., Vidailhet, M., Bhatia, K. P., Durr, A., Wood, N. W., Brice, A., Gasser, T. Myoclonus-dystonia syndrome: epsilon-sarcoglycan mutations and phenotype. Ann. Neurol. 52: 489-492, 2002. 3. DeBerardinis, R. J., Conforto, D., Russell, K., Kaplan, J., Kollros, P. R., Zackai, E. H., Emanuel, B. S. Myoclonus in a patient with a deletion of the epsilon-sarcoglycan locus on chromosome 7q21. Am. J. Med. Genet. 121A: 31-36, 2003.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.