Datasheet for ABIN7598949

anti-Oncomodulin antibody (AA 1-110)

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Overview

Quantity:	100 µg
Target:	Oncomodulin (OCM)
Binding Specificity:	AA 1-110
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Oncomodulin antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-OCM Antibody
Immunogen:	E.coli-derived human OCM recombinant protein (Position: M1-S110). Human OCM shares 88.1% and 89% amino acid (aa) sequence identity with mouse and rat OCM, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-OCM Antibody Picoband® (ABIN7598949). Tested in ELISA, IHC applications. This antibody reacts with Human.
Purification:	Immunogen affinity purified.

Target Details

Target:	Oncomodulin (OCM)
Alternative Name:	OCM (OCM Products)
Background:	Synonyms: 70 kDa ribosomal protein S6 kinase 1 antibody, KS6B1_HUMAN antibody, p70 alpha antibody, P70 beta 1 antibody, p70 ribosomal S6 kinase alpha antibody, p70 ribosomal S6 kinase beta 1 antibody, p70 S6 kinase alpha antibody, P70 S6 Kinase antibody, p70 S6 kinase alpha 1 antibody, p70 S6 kinase alpha 2 antibody, p70 S6K antibody, p70 S6K-alpha antibody, p70 S6KA antibody, p70(S6K) alpha antibody, p70(S6K)-alpha antibody, p70-alpha antibody, p70-S6K 1 antibody, p70-S6K antibody, P70S6K antibody, P70S6K1 antibody, p70S6Kb antibody, PS6K antibody, Ribosomal protein S6 kinase 70 kDa polypeptide 1 antibody, Ribosomal protein S6 kinase beta 1 antibody, Ribosomal protein S6 kinase beta-1 antibody, Ribosomal protein S6 kinase I antibody, RPS6KB1 antibody, S6K antibody, S6K-beta-1 antibody, S6K1 antibody, Serine/threonine kinase 14 alpha antibody, Serine/threonine-protein kinase 14A antibody, STK14A antibody Tissue Specificity: Expressed in all tissues. Background: Oncomodulin is a high-affinity calcium ion-binding protein. It belongs to the superfamily of calmodulin proteins, also known as the EF-hand proteins. Oncomodulin is an oncodevelopmental protein found in early embryonic cells in the placenta and also in tumors.
Molecular Weight:	100 kDa
Gene ID:	654231

Application Details

Application Notes:	Immunohistochemistry, 2-5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Babini, E., Bertini, I., Capozzi, F., Del Bianco, C., Hollender, D., Kiss, T., Luchinat, C., Quattrone, A. Solution structure of human beta-parvalbumin and structural comparison with its paralog alpha-parvalbumin and with their rat orthologs. Biochemistry 43: 16076-16085, 2004. 2. Berchtold, M. W. Parvalbumin genes from human and rat are identical in intron/exon organization and contain highly homologous regulatory elements and coding sequences. J. Molec. Biol. 210: 417-427, 1989. 3. Dijkstra, J. M., Kondo, Y. Comprehensive sequence analysis of parvalbumins in fish and their comparison with parvalbumins in tetrapod species. Biology 11: 1713, 2022.
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.