

## Anti-EDC4 Antibody Picoband® Biotin Conjugated

Catalog Number: A05173-2-Biotin

### About EDC4

Enhancer of mRNA-decapping protein 4 is a protein that in humans is encoded by the EDC4 gene. Enhancer of mRNA decapping 4 (EDC4) was originally identified as the autoantigen Ge-1 from a Sjgren's syndrome patient later diagnosed with primary biliary cirrhosis. EDC4 (also known as HEDLS) was later identified as an essential component of cytoplasmic P-bodies responsible for mRNA decapping and degradation. Identified EDC4 protein is found as a pair of isoforms generated by alternative splicing and contains several WD domains and a putative nuclear localization signal. EDC4 co-localizes with other P-body decapping proteins such as DCP1A, DCP2 and GW182. Experimental evidence suggests that EDC4 may be involved in miRNA-mediated translation repression.

### Overview

Product Name	Anti-EDC4 Antibody Picoband® Biotin Conjugated
Reactive Species	Human
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q6P2E9

### Technical Details

Immunogen	E.coli-derived human EDC4 recombinant protein (Position: K1082-L1388).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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