

Anti-EVL Antibody Picoband® Biotin Conjugated

Catalog Number: A02568-2-Biotin

About EVL

Ena/VASP-like protein is a member of the Ena/VASP family of proteins that in humans is encoded by the EVL gene. Ena/VASP-like (EVL) protein is a member of the Ena/VASP family and is involved in actin-associated cytoskeleton remodeling and cell polarity activities including axon guidance and lamellipodia formation in migrating cells. The EVL protein sequence contains an N-terminal EVH1 domain, a Pro-rich SH3 binding domain, and a C-terminal EVH2 domain. EVL domain interactions with G- and F-actin mediates actin nucleation and polymerization. Research studies have shown that EVL also regulates DNA repair by direct interaction with RAD51. EVL may function in the DSB repair pathway through the EVH2 domain, which possesses DNA-binding and RAD51 binding activity, thereby coordinating homologous DNA recombination. Research studies have shown EVL expression is up-regulated in human breast cancer associated with clinical stages and may be implicated in invasion and/or metastasis of human breast cancer.

Overview

Product Name	Anti-EVL Antibody Picoband® Biotin Conjugated
Reactive Species	Human
Application	WB, IHC, ELISA
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9UI08

Technical Details

Immunogen	E.coli-derived human EVL recombinant protein (Position: M268-E400).
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

Western blot, Optimal dilutions should be determined by end users.
Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users.
ELISA, Optimal dilutions should be determined by end users.

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