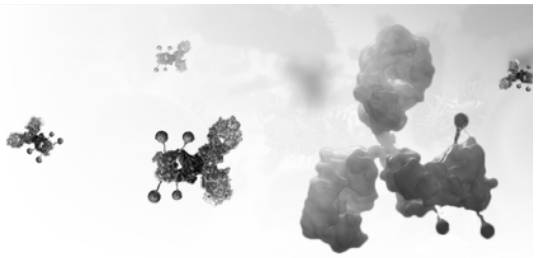

Rabbit Anti-CTTN monoclonal antibody, clone TD72-19 (CABT-L719)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Cortactin
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TD72-19
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP, FC
Molecular Weight	75 kDa
Cellular Localization	Cytoplasm, Cell projection, Membrane.
Positive Control	NIH/3T3, A431, Hela, PC-3M, mouse colon tissue, human tonsil tissue, human breast carcinoma tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

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Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	Cortactin (also designated Ems-1) is a filamentous Actin (F-Actin) binding protein that has been shown to be a substrate for Src p60. Cortactin contains tandem 37 amino acid repeats at the amino-terminus and an SH3 domain at the carboxy-terminus. The tandem repeats appear to be necessary for F-Actin binding. Tyrosine phosphorylation of Cortactin by Src p60 results in diminished F-Actin binding to Cortactin and reduced F-Actin cross-linking activity. Cortactin has also been shown to be phosphorylated in response to FGF-1. Cortactin exhibits abundant expression in megakaryocytes and platelets, and it may play a role in the maturation of megakaryocytes.
Keywords	Amplaxin;CTTN;EMS 1;EMS1;FLJ34459;Mammary tumor and squamous cell carcinoma associated;Oncogene EMS1;p80/85 src substrate;Src substrate cortactin;SRC8_HUMAN antibody

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