

Cortactin(Phospho Tyr466) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02066
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	The antiserum was produced against synthesized peptide derived from mouse Cortactin around the phosphorylation site of Tyr466. AA range:441-490
Mol wt	61636
Species reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Src substrate cortactin
Synonyms	Src substrate cortactin; CTTN; EMS1; Src substrate cortactin; Amplaxin; Oncogene EMS1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene is overexpressed in breast cancer and squamous cell carcinomas of the head and neck. The encoded protein is localized in the cytoplasm and in areas of the cell-substratum contacts. This gene has two roles: (1) regulating the interactions between components of adherens-type junctions and (2) organizing the cytoskeleton and cell adhesion structures of epithelia and carcinoma cells. During apoptosis, the encoded protein is degraded in a caspase-dependent manner. The aberrant regulation of this gene contributes to tumor cell invasion and metastasis. Three splice variants that encode different isoforms have been identified for this gene.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

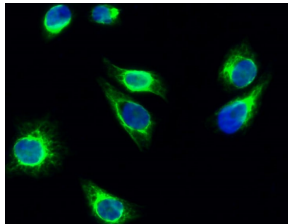
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

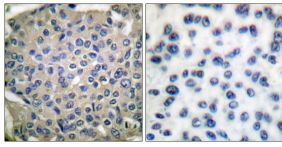
ELISA: 1: 20000

Not yet tested in other applications.

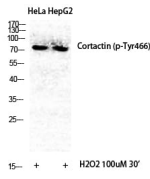
Images



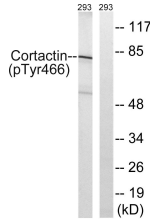
Immunofluorescence analysis of HeLa cell. 1, Cortactin (phospho Tyr466) Polyclonal Antibody (Green) was diluted at 1:200 (4°C overnight). 2 DAPI (blue) 10min.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Cortactin (Phospho-Tyr466) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of various cells using Phospho-Cortactin (Y466) Polyclonal Antibody diluted at 1:500



Western Blot analysis of 293 cells using Phospho-Cortactin (Y466) Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from 293 cells, using Cortactin (Phospho-Tyr466) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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