

Cortactin (Y460) polyclonal antibody

Catalog: BS3642

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Cortactin is an 80/85 kDa cytoskeleton protein that facilitates assembly of cortical actin. Cortactin is widely expressed in most adherent cells and is a prominent substrate of protein tyrosine kinase Src in vivo and in vitro. The protein sequence of cortactin contains multiple amino terminal tandem repeats of a unique 37 amino acid sequence, which associates with actin, and a Src homology 3 (SH3) domain at the carboxyl terminus. Between the repeat and the SH3 domain, there is an alpha helical structure followed by a proline rich region. Between the proline rich region and the SH3 domain, there are a series of Src phosphorylation sites (Tyr421, Tyr470, and Tyr486). In vitro, cortactin binds to and cross links F actin into meshworks.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 85 kDa

Swiss-Prot:

Q14247

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:2000

IHC: 1:50~1:100

IF: 1:50~1:100

Storage&Stability:

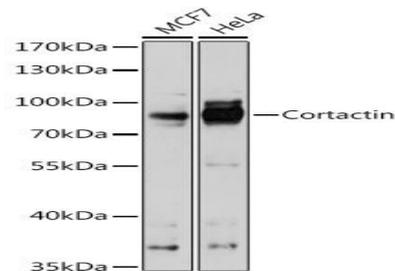
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

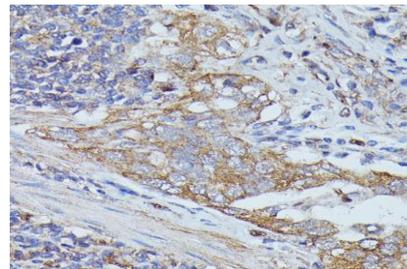
Cortactin (Y460) polyclonal antibody detects endogenous

levels of Cortactin protein.

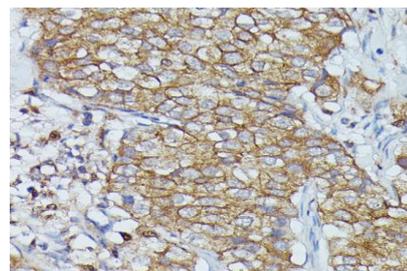
DATA:



Western blot analysis of extracts of various cell lines, using Cortactin antibody at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded human lung cancer using Cortactin antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human mammary cancer using Cortactin antibody (A15054) at dilution of 1:100 (40x lens).

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151