

Calumenin polyclonal antibody

Catalog: BS6483

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Calumenin is a 315 amino acid Ca^{2+} -binding member of the CREC, EF-hand protein family. Calumenin is a secreted protein that contains six Ca^{2+} -binding (EF-hand) motifs and is expressed in the lumen of the endoplasmic reticulum (ER) and Golgi apparatus. In the presence of Ca^{2+} , Calumenin interacts with serum amyloid P component (SAP) and, together, they may play a role in the immunological defense system and participate in amyloidosis, the pathological formation of amyloid deposits in different types of tissues. Calumenin has an inhibitory effect on the vitamin K-dependent γ -carboxylation system which converts vitamin K-dependent proteins to Gla-containing proteins. Calumenin may also be involved in the pathophysiology of thrombosis and/or wound healing by acting in an autocrine or paracrine manner.

Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

Molecular Weight:

~ 37 kDa

Swiss-Prot:

O43852

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: 1:50~1:200

Storage&Stability:

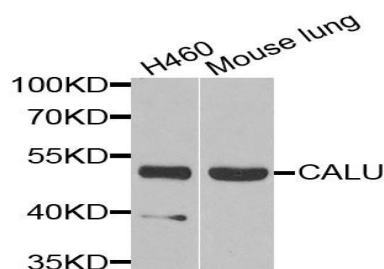
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

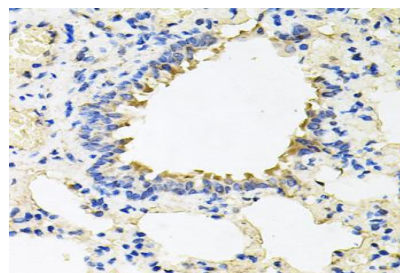
CALU polyclonal antibody detects endogenous levels of

CALU protein.

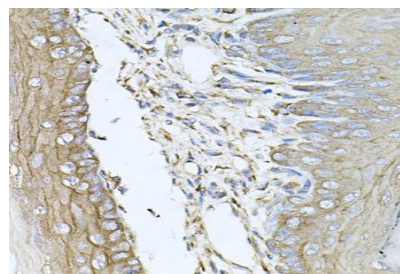
DATA:



Western blot analysis of extracts of various cells, using CALU antibody.



Immunohistochemistry of paraffin-embedded mouse skin using CALU antibody at dilution of 1:100 (x40 lens).



Immunohistochemistry of paraffin-embedded rat lung using CALU antibody at dilution of 1:100 (x40 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