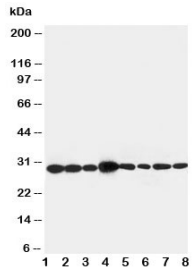
LASP1 Antibody (R30888)

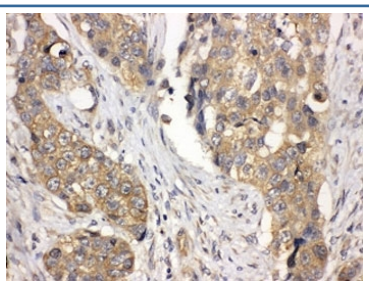
Catalog No.	Formulation	Size
R30888	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

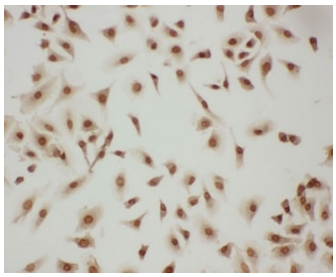
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q14847
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml Immunocytochemistry : 0.5-1ug/ml
Limitations	This LASP1 antibody is available for research use only.



Western blot testing of LASP1 antibody and Lane 1: rat liver ; 2: rat spleen; 3: rat intestine; 4: Jurkat; 5: MCF-7; 6: A431; 7: HeLa; 8: 293T. Predicted molecular weight: 30kDa.



IHC-P: LASP1 antibody testing of human lung cancer tissue



ICC testing of LASP1 antibody and A549 cells

Description

LIM and SH3 domain protein 1 is a protein that in humans is encoded by the LASP1 gene. This gene encodes a member of a LIM protein subfamily which is characterized by a LIM motif and a domain of Src homology region 3. This protein functions as an actin-binding protein and possibly in cytoskeletal organization. LASP1 has been shown to interact with Zyxin. Northern blot analysis revealed that LASP1 mRNA was expressed at a basal level in all normal tissues examined and overexpressed in 8% of primary breast cancers. In most of these cancers, LASP1 and ERBB2 were simultaneously overexpressed.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the LASP1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Amino acids 16-30 (EKVNCLDKFWHKACF-human) were used as the immunogen for this LASP1 antibody (100% rat homology).

Storage

After reconstitution, the LASP1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.