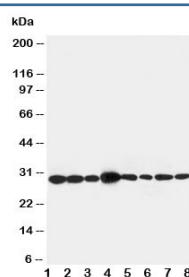


## LASP1 Antibody (R30888)

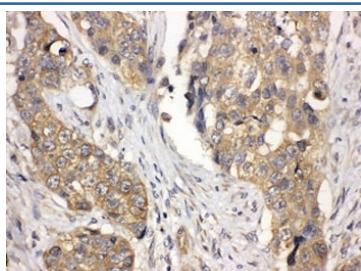
Catalog No.	Formulation	Size
R30888	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

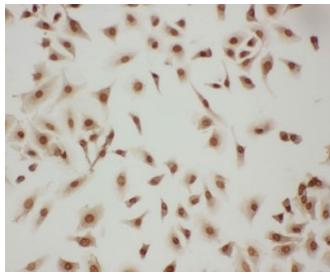
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	Q14847
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml Immunocytochemistry : 0.5-1ug/ml
<b>Limitations</b>	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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.