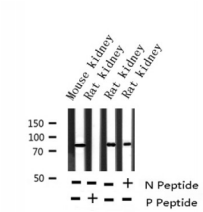
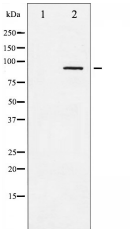
Phospho-ADD1 (Ser726) Ab

Cat.#: AF3276	Concn.: 1mg/ml	Mol.Wt.: 80kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

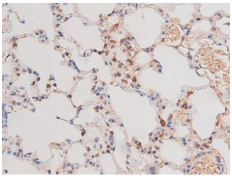
Application:	WB 1:500-1:2000 IHC 1:50-1:200 IF/ICC 1:100-1:500
Reactivity:	Human,Mouse,Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-ADD1 (Ser726) Ab detects endogenous levels of ADD1 only when phosphorylated at Serine 726.
Immunogen:	A synthesized peptide derived from human ADD1 around the phosphorylation site of Serine 726.
Uniprot:	P35611/P35612
Description:	ADD2 a cytoskeletal protein that promotes the assembly of the spectrin-actin network. Adducin is a heterodimeric protein that consists of related subunits. Alpha- and beta-adducin include a protease-resistant N-terminal region and a protease-sensitive, hydrophilic C-terminal region.
Subcellular Location:	Cytoplasm > cytoskeleton. Cell membrane.
Tissue Specificity:	Expressed in all tissues. Found in much higher levels in reticulocytes than the beta subunit.
Similarity:	Each subunit is comprised of three regions: a NH2-terminal protease-resistant globular head region, a short connecting subdomain, and a protease-sensitive tail region.Belongs to the aldolase class II family. Adducin subfamily.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



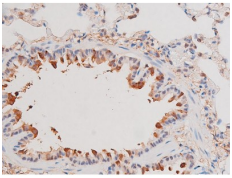
Western blot analysis of Phospho-ADD1 (Ser726) expression in various lysates



Western blot analysis of ADD1 phosphorylation expression in Forskolin treated HeLa whole cell lysates,The lane on the left is treated with the antigen-specific peptide.



AF3276 at 1/200 staining Rat lung tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



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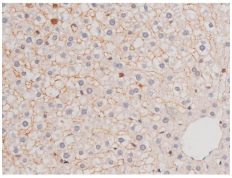

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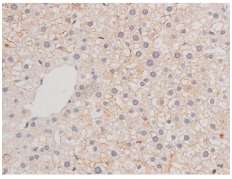

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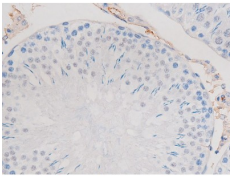

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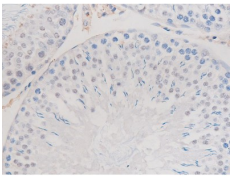

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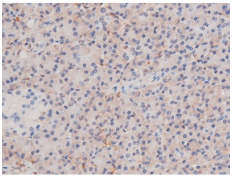

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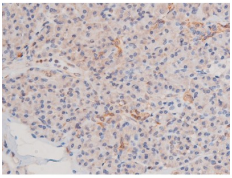

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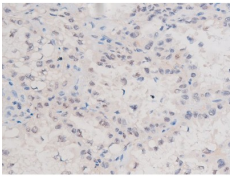

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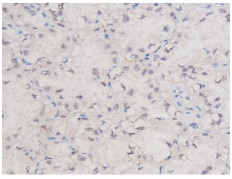

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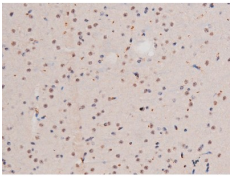

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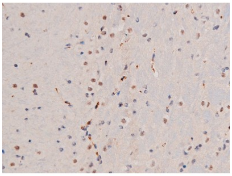

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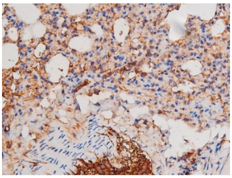

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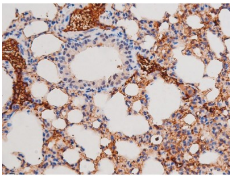

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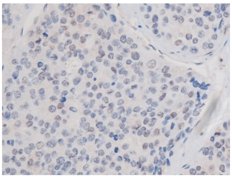

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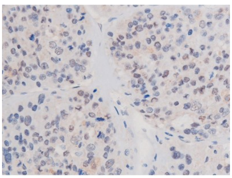

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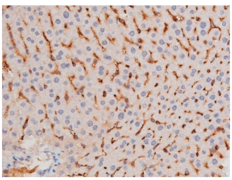

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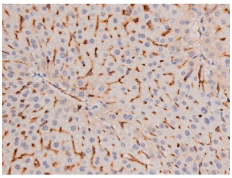

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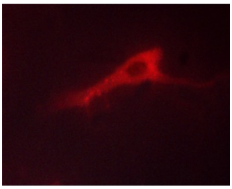
AF3276 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.



AF3276 staining HeLa cells by ICC/IF. Cells were fixed with PFA and permeabilized in 0.1% saponin prior to blocking in 10% serum for 45 minutes at 37°C. The primary Ab was diluted 1/400 and incubated with the sample for 1 hour at 37°C. A Alexa Fluor 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1/600 was used as secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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