

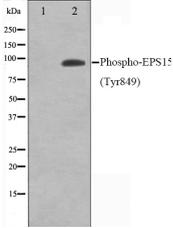
Phospho-EPS15(Tyr849) Ab

Cat.#: AF0058
Size: 100ul,200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 98kDa
Clonality: Polyclonal

Application:	WB 1:500-1:2000, 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-peptide and non-phospho-peptide affinity columns.
Specificity:	Phospho-EPS15(Tyr849) Ab detects endogenous levels of EPS15 only when phosphorylated at Tyrosine 849.
Immunogen:	A synthesized peptide derived from human EPS15 around the phosphorylation site of Tyr849.
Uniprot:	P42566
Description:	This gene encodes a protein that is part of the EGFR pathway. The protein is present at clatherin-coated pits and is involved in receptor-mediated endocytosis of EGF. Notably, this gene is rearranged with the HRX/ALL/MLL gene in acute myelogeneous leukemias. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.
Subcellular Location:	Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Recruited to the plasma membrane upon EGFR activation and localizes to coated pits.
Tissue Specificity:	Ubiquitously expressed.
Similarity:	The EH domain interacts with Asn-Pro-Phe (NPF) motifs of target proteins.The UIM (ubiquitin-interacting motif) repeats specifically bind 'Lys-33'-linked ubiquitin.
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 on HepG2 cell lysates using Phospho-EPS15(Tyr849) Ab, The lane on the left was treated with the antigen-specific peptide.



AF0058 staining HepG2 cells 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(Red), diluted at 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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