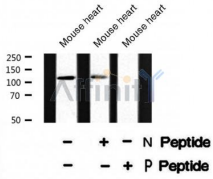


Ack1 (Phospho-Tyr857+Tyr858) Ab

Cat.#: AF8338	Concn.: 1mg/ml	Mol.Wt.: 115KD
Size: 50ul,100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:1000-3000
Reactivity:	Human
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Ack1 (Phospho-Tyr857+Tyr858) Ab detects endogenous levels of Ack1 only when phosphorylated at Tyr857+Tyr858
Immunogen:	A synthesized peptide derived from human Ack1 (Phospho-Tyr857+Tyr858)
Uniprot:	Q07912
Subcellular Location:	Cell membrane. Nucleus. Endosome. Cell junction > adherens junction. Cytoplasmic vesicle membrane. The Tyr-284 phosphorylated form is expressed both in the membrane and nucleus. Co-localizes with EGFR on the endosomes.
Tissue Specificity:	The Tyr-284 phosphorylated form shows a significant increase in expression in breast cancers during the progressive stages i.e. normal to hyperplasia (ADH), ductal carcinoma in situ (DCIS), invasive ductal carcinoma (IDC) and lymph node metastatic (LNMM) stages. It also shows a significant increase in expression in prostate cancers during the progressive stages.
Similarity:	The EBD (EGFR-binding domain) domain is necessary for interaction with EGFR.The SAM-like domain is necessary for NEDD4-mediated ubiquitination. Promotes membrane localization and dimerization to allow for autophosphorylation.The UBA domain binds both poly- and mono-ubiquitin.Belongs to the protein kinase superfamily. Tyr protein kinase family.
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 Ack1 (Phospho-Tyr857+Tyr858) using Mouse heart tissue lysates

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

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