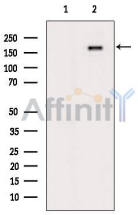
Phospho-IGF1R/Insulin Receptor (Tyr1161) Ab

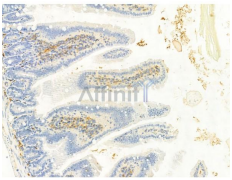
References(2) Images(10)

Cat.#: AF3125	Concn.: ~1mg/ml	Mol.Wt.: 95kDa,155kDa
Size:	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000, IHC 1:50-1:200, IP, IF/ICC 1:100-1:500 *The optimal dilutions should be determined by the end user.
Reactivity:	Human,Mouse,Rat
Storage:	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.
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Immunogen:	A synthesized peptide derived from human IGF1R/Insulin Receptor around the phosphorylation site of Tyr1161.
Uniprot:	P08069/P06213
Description:	InsR a receptor tyrosine kinase that binds insulin and key mediator of the metabolic effects of insulin. Binding to insulin stimulates association of the receptor with downstream mediators including IRS1 and phosphatidylinositol 3'-kinase (PI3K).



Western blot analysis of extracts from H2O2 treated EC304 cells, using Phospho-IGF1R (Tyr1161) Ab. The lane on the left was treated with blocking peptide.



AF3125 at 1/100 staining Mouse colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the 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.