

## Phospho-Afadin (Ser1799) Ab

Cat.#: AF2315  
 Size: 100ul,200ul

Concn.: 1mg/ml  
 Source: Rabbit

Mol.Wt.: 205kDa  
 Clonality: Polyclonal

**Application:** WB 1:500-1:2000, IHC 1:50-1:200

**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:** Phospho-Afadin (Ser1799) Ab detects endogenous levels of Afadin.

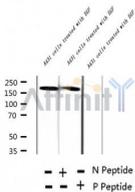
**Immunogen:** A synthesized peptide derived from human Afadin around the phosphorylation site of Ser1799.

**Uniprot:** P55196

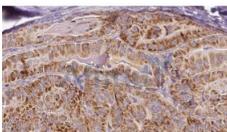
**Subcellular Location:** Cell junction > adherens junction. Not found at cell-matrix AJs.

**Similarity:** The PDZ/DHR domain interacts with the C-terminus of nectin and the Pro-rich C-terminal domain interacts with F-actin.

**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 extracts of A431 cells treated with EGF, using Phospho-Afadin (Ser1799) Ab.



AF2315 at 1/100 staining Human thyroid cancer 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 Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

**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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