# Phospho-ANXA2 (Tyr238) Ab

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| Cat.#: AF7097 | Concn.: 1mg/ml | Mol.Wt.: 37kDa |
| Size: 50ul,100ul,200ul | Source: Rabbit | Clonality: Polyclonal |

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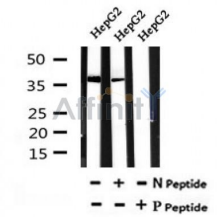
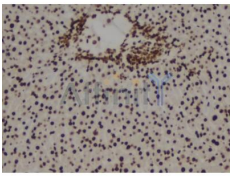
| Application: | WB 1:500-1:2000, IHC 1:50-1:200 |
| Reactivity: | Human,Mouse,Rat |
| Purification: | The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns. |
| Specificity: | Phospho-ANXA2 (Tyr238) Ab detects endogenous levels of ANXA2 only when phosphorylated at Tyr238 |
| Immunogen: | A synthesized peptide derived from human ANXA2 around the phosphorylation site of Tyr238 |
| Uniprot: | P07355 |
| Subcellular Location: | Secreted > extracellular space > extracellular matrix > basement membrane. Melanosome. In the lamina beneath the plasma membrane. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Translocated from the cytoplasm to the cell surface through a Golgi-independent mechanism. |
| Similarity: | A pair of annexin repeats may form one binding site for calcium and phospholipid.Belongs to the annexin 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 Phospho-ANXA2 (Tyr238) in lysates of HepG2, using Phospho-ANXA2 (Tyr238) Ab(AF7097).

AF7097 at 1/100 staining human brain 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.



AF7097 at 1/100 staining mouse liver 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.

*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.