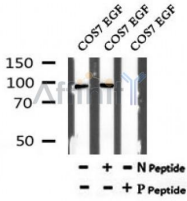

Phospho-Progesterone Receptor (Ser79+Ser81) Ab

Cat.#: AF7199	Concn.: 1mg/ml	Mol.Wt.: 99kDa
Size: 50ul,100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000
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-Progesterone Receptor (Ser79+Ser81) Ab detects endogenous levels of Progesterone Receptor only when phosphorylated at Ser79+Ser81
Immunogen:	A synthesized peptide derived from human Progesterone Receptor around the phosphorylation site of Ser79+Ser81
Uniprot:	P06401
Subcellular Location:	Nucleus. Cytoplasm. Nucleoplasmic shuttling is both hormone- and cell cycle-dependent. On hormone stimulation, retained in the cytoplasm in the G(1) and G(2)/M phases; Mitochondrion outer membrane and Nucleus. Cytoplasm. Mainly nuclear.
Tissue Specificity:	In reproductive tissues the expression of isoform A and isoform B varies as a consequence of developmental and hormonal status. Isoform A and isoform B are expressed in comparable levels in uterine glandular epithelium during the proliferative phase of the menstrual cycle. Expression of isoform B but not of isoform A persists in the glands during mid-secretory phase. In the stroma, isoform A is the predominant form throughout the cycle. Heterogeneous isoform expression between the glands of the endometrium basalis and functionalis is implying region-specific responses to hormonal stimuli.
Similarity:	Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal ligand-binding domain.Belongs to the nuclear hormone receptor family. NR3 subfamily.
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-Progesterone Receptor (Ser79+Ser81) in lysates of COS7 EGF, using Phospho-Progesterone Receptor (Ser79+Ser81) Ab(AF7199).

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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