

Product datasheet for **AP55732PU-N**

NUR77 (NR4A1) pSer351 Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IHC |
| Recommended Dilution: | Immunohistochemistry on paraffin sections: 1:50~1:100 . |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | Peptide sequence around phosphorylation site of Serine351(L-P-S(p)-K-P) derived from Human Nuclear Receptor NR4A1 (KLH-conjugated) |
| Specificity: | The antibody detects endogenous levels of Nuclear Receptor NR4A1 only when phosphorylated at serine 351 |
| Formulation: | Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction |
| Concentration: | lot specific |
| Purification: | Affinity chromatography using epitope-specific peptide |
| Conjugation: | Unconjugated |
| Storage: | Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | 64 kDa |
| Gene Name: | nuclear receptor subfamily 4 group A member 1 |
| Database Link: | Entrez Gene 3164 Human P22736 |



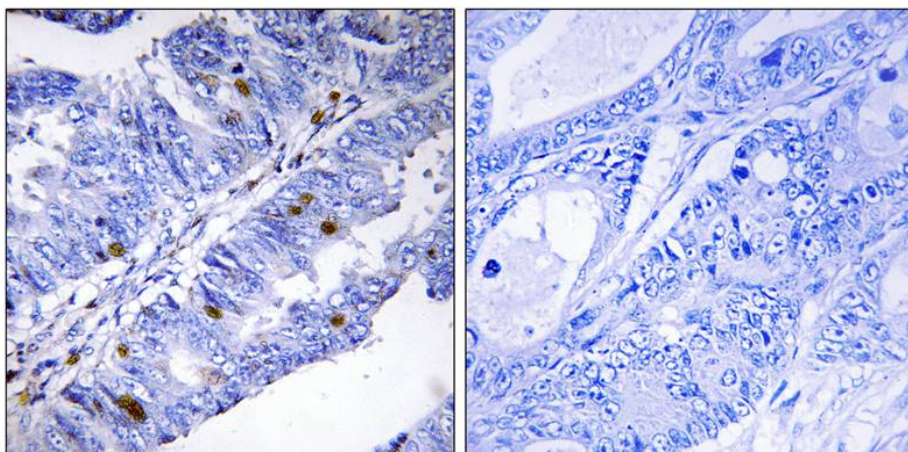
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Background:

Orphan nuclear receptor. May act concomitantly with NURR1 in regulating the expression of delayed-early genes during liver regeneration. Binds the NGFI-B response element (NBRE) 5'-AAAAGGTCA-3'. May inhibit NF-kappa-B transactivation of IL2. Participates in energy homeostasis by sequestering the kinase STK11 in the nucleus, thereby attenuating cytoplasmic AMPK activation.

Synonyms:

NR4A1, GFRP1, HMR, NUR77, ST-59, N10

Product images:

Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using Nuclear Receptor NR4A1 (Phospho-Ser351) antibody (left) or the same antibody preincubated with blocking peptide (right).