

Product datasheet for **AP55785PU-S**

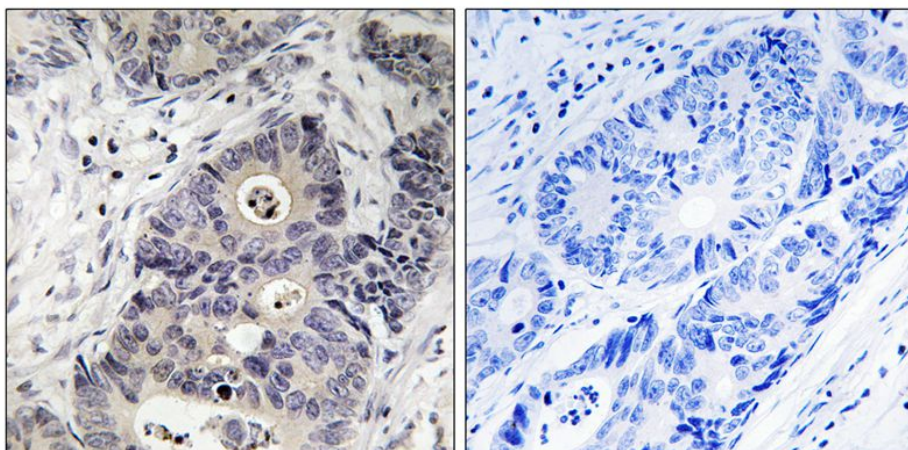
iNOS (NOS2) pTyr151 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on paraffin sections: 1:50~1:100 .
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of tyrosine 151(Q-Y-Y(p)-G-S) derived from Human iNOS (KLH-conjugated)
Specificity:	The antibody detects endogenous levels of Inos only when phosphorylated at tyrosine 151.
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:	131 kDa
Gene Name:	nitric oxide synthase 2
Database Link:	Entrez Gene 4843 Human P35228
Background:	Produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. In macrophages, NO mediates tumoricidal and bactericidal actions. Also has nitrosylase activity and mediates cysteine S-nitrosylation of cytoplasmic target proteins such COX2.
Synonyms:	NOS2A, iNOS, NOSII, NOS-II



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Product images:

Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using Inos (Phospho-Tyr151) Antibody (left) or the same antibody preincubated with blocking peptide (right).