

Product datasheet for **AP55743PU-S**

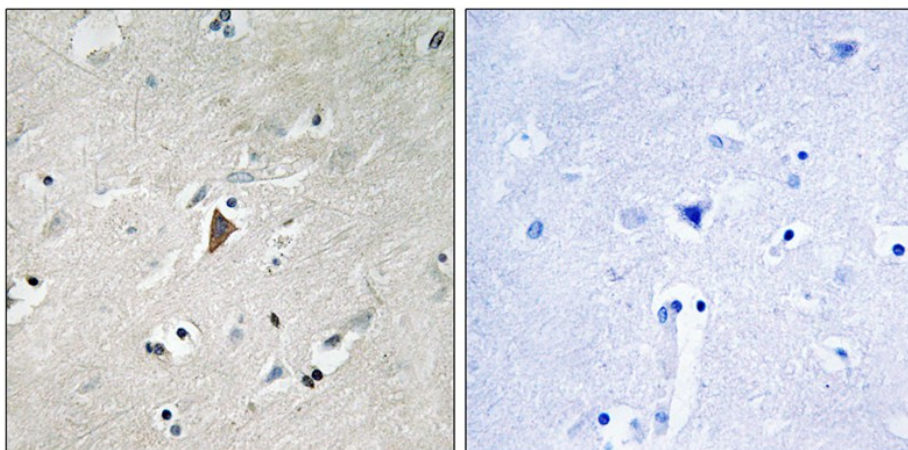
PDPK1 pTyr9 Rabbit Polyclonal Antibody

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 tyrosine 9(A-L-Y(p)-D-A) derived from Human PDK1 (KLH-conjugated)
Specificity:	The antibody detects endogenous levels of PDK1 only when phosphorylated at tyrosine 9.
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:	63 kDa
Gene Name:	3-phosphoinositide dependent protein kinase 1
Database Link:	Entrez Gene 5170 Human O15530
Background:	Phosphorylates and activates not only PKB/AKT, but also PKA, PKC-zeta, RPS6KA1 and RPS6KB1. May play a general role in signaling processes and in development.
Synonyms:	PDK-1, PDK1, 3-phosphoinositide-dependent proteinkinase 1, hPDK1, PDPK1



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Product images:

Immunohistochemical analysis of paraffin-embedded human brain tissue using PDK1 (Phospho-Tyr9) Antibody (left) or the same antibody preincubated with blocking peptide (right).