

Product datasheet for **AP08050PU-N**

JAK2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blot (1/500-1/1000).
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized non-phosphopeptide derived from human JAK2 around the phosphorylation site of Tyrosine 1007 (K-E-YP-Y-K). Peptide sequence around aa 1005-1009.
Specificity:	This antibody detects endogenous levels of total JAK2 protein.
Formulation:	PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02% Sodium Azide and 50% Glycerol. State: Aff - Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	125 kDa
Gene Name:	Janus kinase 2
Database Link:	Entrez Gene 3717 Human O60674
Background:	Plays a role in leptin signaling and control of body weight.
Synonyms:	Janus kinase 2, JAK-2



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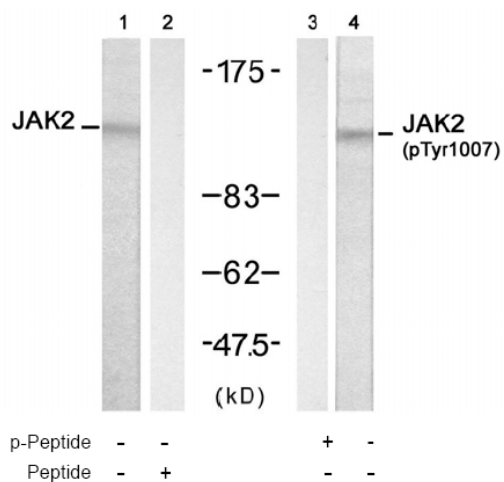
Product images:


Figure 1. Western blot analysis of extracts from mouse brain tissue, using JAK2 Antibody AP08050PU (Lane 1 and 2) and JAK2 (phospho-Tyr1007) antibody AP02435PU (Lane 3 and 4).