

Product datasheet for **TA314916**

PERK (EIF2AK3) Rabbit Polyclonal Antibody

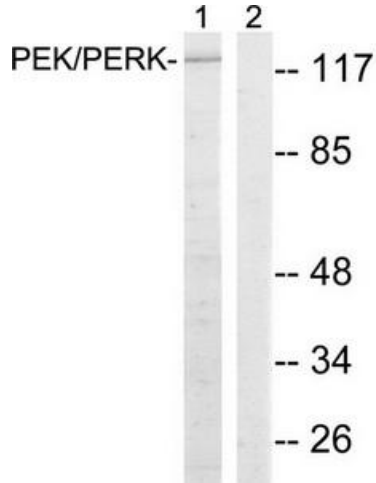
Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | WB: 1:500~1:3000, IHC: 1:50~1:100, ELISA: 1:40000 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The antiserum was produced against synthesized non-phosphopeptide derived from human PEK/PERK around the phosphorylation site of threonine 981 (R-H-TP-G-Q). |
| Formulation: | Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration: | lot specific |
| Purification: | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | eukaryotic translation initiation factor 2 alpha kinase 3 |
| Database Link: | NP_004827 Entrez Gene 13666 Mouse Entrez Gene 29702 Rat Entrez Gene 9451 Human Q9NZJ5 |
| Synonyms: | PEK; PERK; WRS |
| Note: | PEK/PERK (Ab-981) antibody detects endogenous levels of total PEK/PERK protein. |
| Protein Families: | Druggable Genome, Protein Kinase, Secreted Protein, Transmembrane |
| Protein Pathways: | Alzheimer's disease |

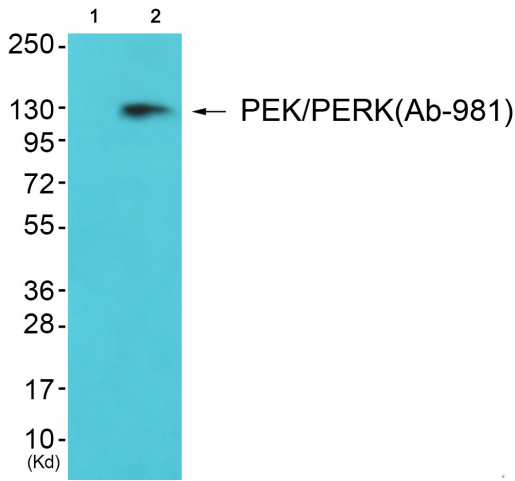


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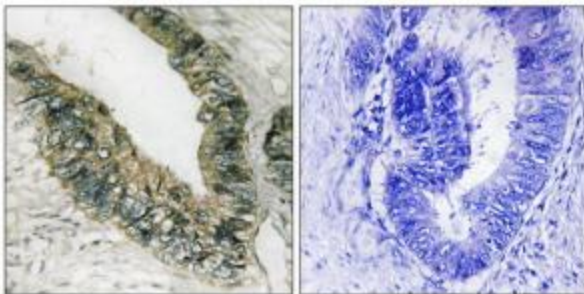
Product images:



Western blot analysis of extracts from MCF-7 cells, using PEK/PERK (Ab-981) antibody. The lane on the right is treated with the synthesized peptide.



Western blot analysis of extracts from JK cells (Lane 2), using PEK/PERK (Ab-981) Antibody. The lane on the left is treated with synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using PEK/PERK (Ab-981) antibody. The picture on the right is treated with the synthesized peptide.