

## GAK Ab

[Images\(3\)](#)

Cat.#: AF0317                                  Concn.: ~1mg/ml                                  Mol.Wt.: 144kDa  
Size:    Source: Rabbit    Clonality: Polyclonal

**Application:**                                  WB 1:500-1:3000, IF/ICC 1:100-1:500, IHC 1:50-1:200  
\*The optimal dilutions should be determined by the end user.

**Reactivity:**    Human,Mouse

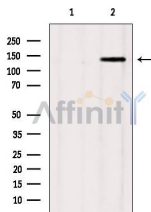
**Storage:**    Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

**Purification:**    The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

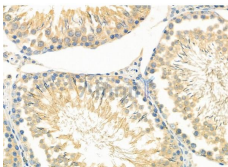
**Immunogen:**    A synthesized peptide derived from human GAK, corresponding to a region within N-terminal amino acids.

**Uniprot:**    O14976

**Description:**    GAK Associates with cyclin G and CDK5. Seems to act as an auxilin homolog that is involved in the uncoating of clathrin- coated vesicles by Hsc70 in non-neuronal cells. Expression oscillates slightly during the cell cycle, peaking at G1. Belongs to the protein kinase superfamily.



Western blot analysis of extracts from mouse brain, using GAK Ab. Lane 1 was treated with the blocking peptide.



AF0317 at 1/100 staining Rat testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.



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