

## CDK7 Ab

[Images\(2\)](#)

Cat.#: AF0267                      Concn.: ~1mg/ml                      Mol.Wt.: 39kDa  
Size:                                      Source: Rabbit                              Clonality: Polyclonal

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

Reactivity:                      Human,Mouse

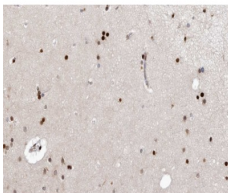
Storage:                              Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

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

Immunogen:                      A synthesized peptide derived from human CDK7, corresponding to a region within the internal amino acids.

Uniprot:                              P50613

Description:                      CDK7 a protein kinase of the CDK family. Forms a trimeric complex with cyclin H and MAT1, which functions as a Cdk-activating kinase (CAK). Activates the cyclin-associated kinases CDK1, -2, -4 and -6. An essential component of the transcription factor TFIIF, that is involved in transcription initiation and DNA repair. Serves as a direct link between the regulation of transcription and the cell cycle



AF0267 at 1/100 staining human brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat 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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