

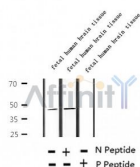
## Phospho-Doublecortin (Ser297) Ab

Cat.#: AF2338  
Size: 100ul,200ul

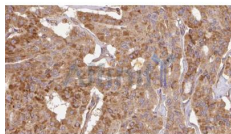
Concn.: 1mg/ml  
Source: Rabbit

Mol.Wt.: 45kDa  
Clonality: Polyclonal

Application:	WB 1:500-1:2000, IHC 1:50-1:200
Reactivity:	Human,Mouse,Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-Doublecortin (Ser297) Ab detects endogenous levels of Doublecortin.
Immunogen:	A synthesized peptide derived from human Doublecortin around the phosphorylation site of Ser297.
Uniprot:	O43602
Subcellular Location:	Cytoplasm.
Tissue Specificity:	Highly expressed in neuronal cells of fetal brain (in the majority of cells of the cortical plate, intermediate zone and ventricular zone), but not expressed in other fetal tissues. In the adult, highly expressed in the brain frontal lobe, but very low expression in other regions of brain, and not detected in heart, placenta, lung, liver, skeletal muscles, kidney and pancreas.
Storage Condition and Buffer:	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.



Western blot analysis of extracts of fetal human brain tissue, using Phospho-Doublecortin (Ser297) Ab.



AF2338 at 1/100 staining Human thyroid cancer 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 Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

**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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