

# Product Data Sheet

## Anti-14-3-3 epsilon Antibody

Catalog #	Source	Reactivity	Applications
CPA9222	Rabbit	M, R	WB, IH
<b>Description</b>	Rabbit polyclonal antibody to 14-3-3 epsilon		
<b>Immunogen</b>	Recombinant protein corresponding to mouse 14-3-3 epsilon.		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of 14-3-3 epsilon protein.		
<b>Clonality</b>	Polyclonal		
<b>Conjugation</b>			
<b>Form</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/1000 - 1/2000), IH (1/200 - 1/500)		
<b>Gene Symbol</b>	YWHAE		
<b>Alternative Names</b>	14-3-3 protein epsilon; 14-3-3E		
<b>Entrez Gene</b>	22627 (Mouse); 29753 (Rat)		
<b>SwissProt</b>	P62259 (Mouse); P62260 (Rat)		
<b>Storage/Stability</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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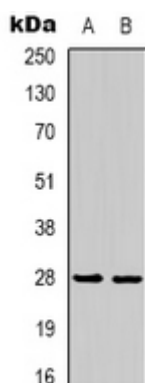
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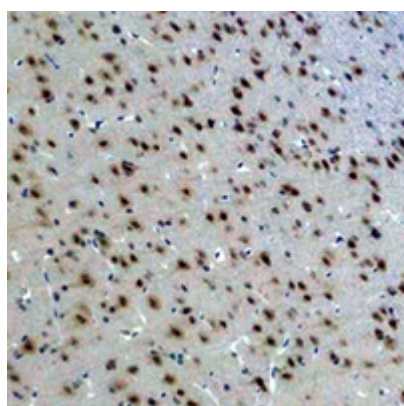
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Western blot analysis of 14-3-3 epsilon expression in mouse brain (A), rat brain (B) whole cell lysates. (Predicted band size: 29 kD; Observed band size: 28 kD)



Immunohistochemical analysis of 14-3-3 epsilon staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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