

## G9a antibody

**Cat. No. GTX128164**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Application</b>	WB, ICC/IF, IHC-P, IP
<b>Reactivity</b>	Human, Mouse

Reference ( 2 )  
 Package  
 100 µl, 25 µl

### APPLICATION

#### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	1:100-1:1000

Not tested in other applications.

**Calculated MW** 132 kDa. ( [Note](#) )

### PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1.28 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human G9a. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated



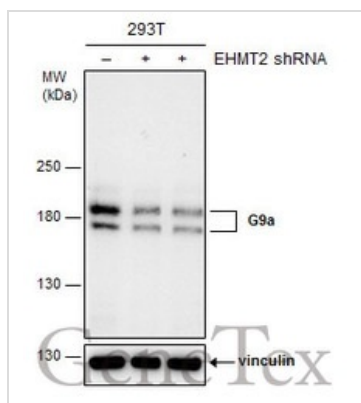
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## Note

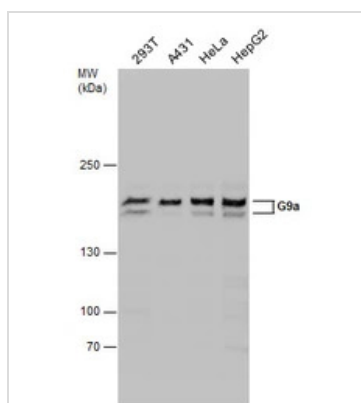
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## DATA IMAGES



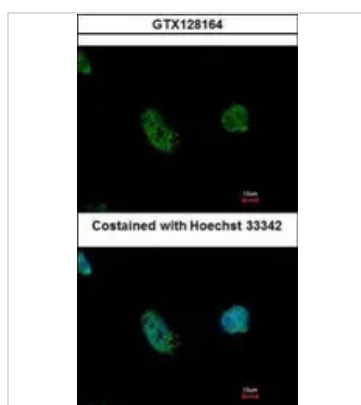
### GTx128164 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with G9a antibody (GTx128164) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



### GTx128164 WB Image

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with G9a antibody (GTx128164) diluted at 1:1000.



### GTx128164 ICC/IF Image

G9a antibody detects EMT2 protein at cytoplasm by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 5 min.

Green: EMT2 protein stained by G9a antibody (GTx128164) diluted at 1:500.

Blue: Hoechst 33342 staining.



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