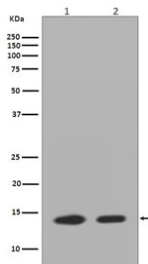


Histone H2A.Z Antibody [clone EOO-8] (RQ5092)

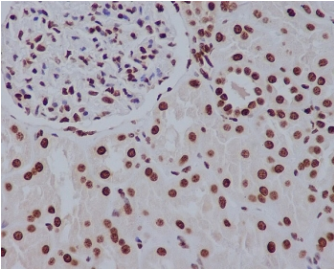
Catalog No.	Formulation	Size
RQ5092	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

Availability	1-2 weeks
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	EOO-8
Purity	Affinity purified
UniProt	P04908
Localization	Nuclear
Applications	Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:50-1:200
Limitations	This Histone H2A.Z antibody is available for research use only.



Western blot testing of 1) mouse Neuro-2a and 2) human HeLa cell lysate with Histone H2A.Z antibody. Predicted molecular weight ~14 kDa.



IHC staining of FFPE human kidney tissue with Histone H2A.Z antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.

Description

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Histone H2AZ is a variant of histone H2A, and is used to mediate the thermosensory response, and is essential to perceive the ambient temperature. This antibody belongs to a broader group of [Histone H2A antibodies](#) used to analyze chromatin dynamics, including H2A.Z variant biology and associated histone modifications.

Application Notes

Optimal dilution of the Histone H2A.Z antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Histone H2A.Z variant was used as the immunogen for the Histone H2A.Z antibody.

Storage

Store the Histone H2A.Z antibody at -20°C.