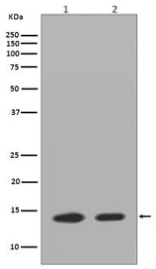
Histone H2A.Z Antibody [clone EOO-8] (RQ5092)

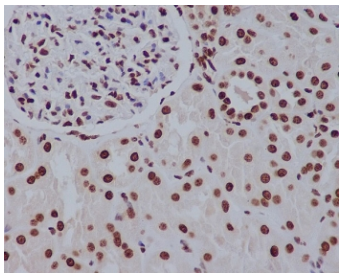
Catalog No.	Formulation	Size
RQ5092	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

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 -20oC.

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