

# Histone H2A.X Polyclonal Antibody

Catalog No: #41012

Package Size: #41012-1 50ul #41012-2 100ul

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## Description

Product Name	Histone H2A.X Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF ELISA
Species Reactivity	Hu Ms Rt
Specificity	Histone H2A.X Polyclonal Antibody detects endogenous levels of Histone H2A.X protein.
Immunogen Type	peptide
Immunogen Description	Synthesized peptide derived from human Histone H2A.X around the non-phosphorylation site of S139.
Target Name	Histone H2A.X
Other Names	H2AFX; H2AX; Histone H2A.x; H2a/x
Accession No.	Swiss-Prot: P16104NCBI Gene ID: 3014
SDS-PAGE MW	19kd
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

## Application Details

Western Blot: 1/500 - 1/2000.

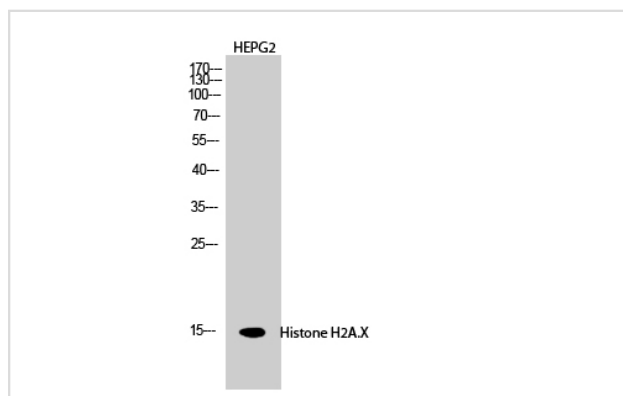
Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000.

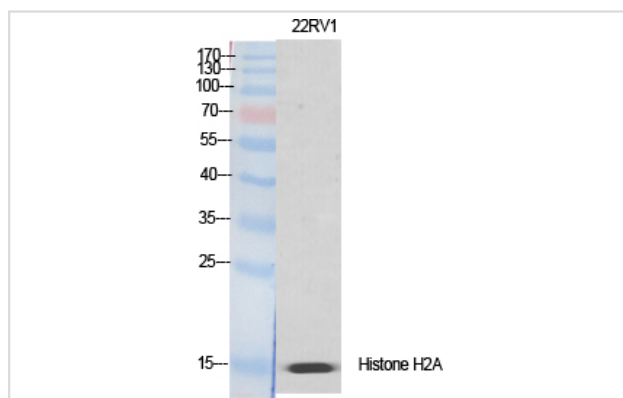
ELISA: 1/10000.

Not yet tested in other applications.

## Images



Western Blot analysis of HEPG2 cells using Histone H2A.X Polyclonal Antibody



Western Blot analysis of 22RV1 cells using Histone H2A.X Polyclonal Antibody

## Published Papers

et al., Carbocysteine restores steroid sensitivity by targeting histone deacetylase 2 in a thiol/GSH-dependent manner. In Pharmacol Res on 2015 Jan by Yun Song, Hao-Zhong Lu et al..PMID:25500537, , (2015)

[PMID:25500537](#)

et al., Decreased nuclear expression and increased cytoplasmic expression of ING5 may be linked to tumorigenesis and progression in human head and neck squamous cell

carcinoma. In J Cancer Res Clin Oncol on 2010 Oct by Xiaohan Li, Takeshi Nishida, et al..PMID: 20182888, , (2010)

[PMID:20182888](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.