

Product Datasheet

H2AFX Antibody (orb1255416)

Catalog Number	orb1255416
Category	Antibodies
Description	H2AFX Antibody
Target	H2AFX
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	Liquid
Concentration	batch dependent
Buffer/Preservatives	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purification	Affinity purification
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 50 to the C-terminus of human Histone H2AX (NP_002096.1).
UniProt ID	P16104
MW	Observed: 16kDa
Tested applications	IF, IHC, WB

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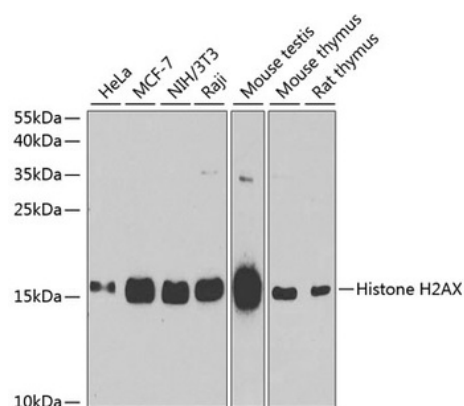
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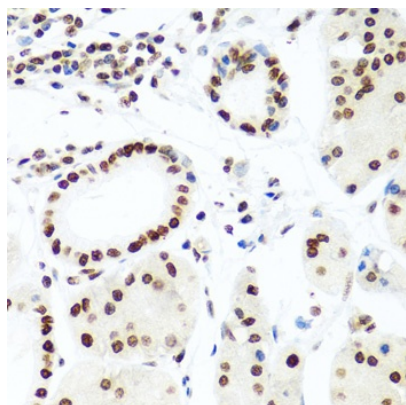
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Application notes	WB: 1:500 - 1:2000IHC: 1:100 - 1:200IF: 1:50 - 1:200
Antibody Type	Primary Antibody
Modifications	None
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Western blot analysis of extracts of various cell lines, using Histone H2AX antibody (orb1255416) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human stomach using Histone H2AX antibody (orb1255416) at dilution of 1:100 (40x lens).

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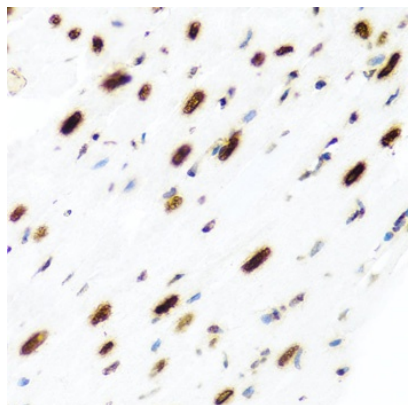
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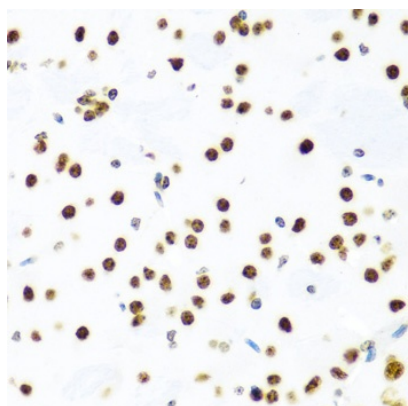
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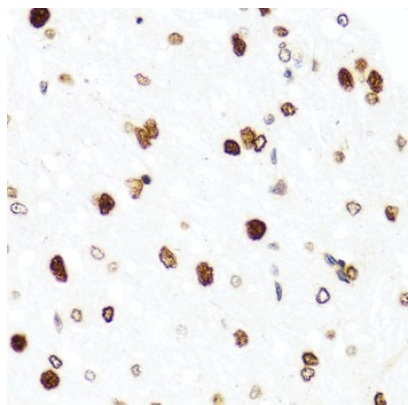
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Immunohistochemistry of paraffin-embedded rat heart using Histone H2AX antibody (orb1255416) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using Histone H2AX antibody (orb1255416) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat brain using Histone H2AX antibody (orb1255416) at dilution of 1:100 (40x lens).

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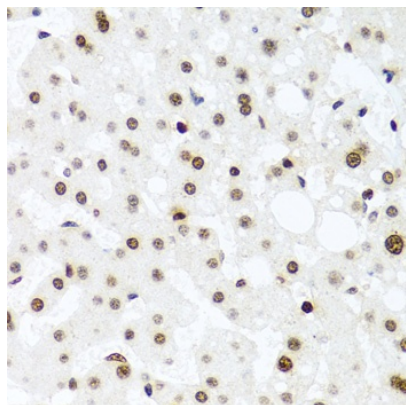
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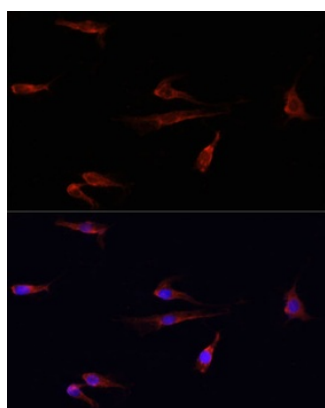
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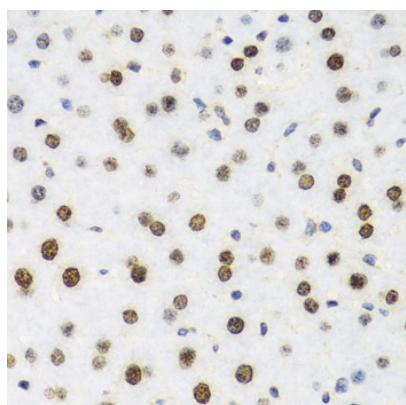
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Immunohistochemistry of paraffin-embedded human liver damage using Histone H2AX antibody (orb1255416) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human colon using Histone H2AX antibody (orb1255416) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse liver using Histone H2AX antibody (orb1255416) at dilution of 1:100 (40x lens).

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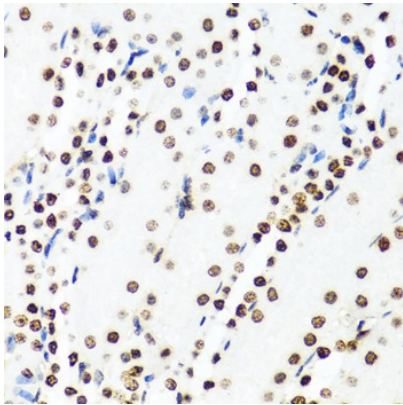
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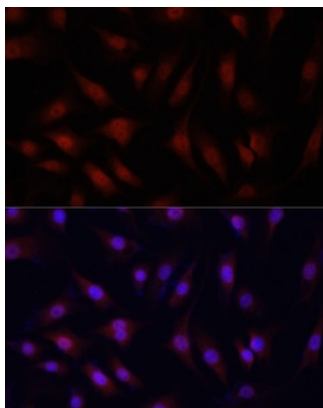
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Immunohistochemistry of paraffin-embedded mouse kidney using Histone H2AX antibody (orb1255416) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of NIH/3T3 cells using YAP1 antibody (orb1261278) at dilution of 1:100. Blue: DAPI for nuclear staining.

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