

Rabbit anti-Human, Mouse HIRA Polyclonal Antibody | anti-HIRA antibody

HIRA Polyclonal Antibody

CATALOG # AAA280516	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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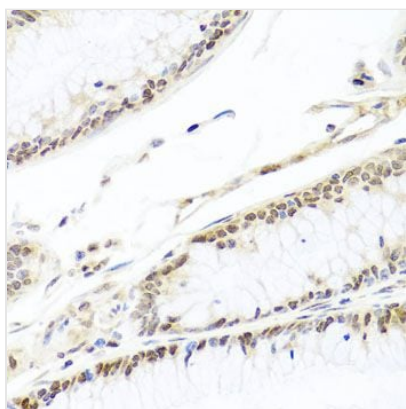
PRODUCT SYNONYMS

HIRA; Polyclonal Antibody; HIRA Polyclonal Antibody; anti-HIRA antibody

PRODUCT SPECIFICATIONS

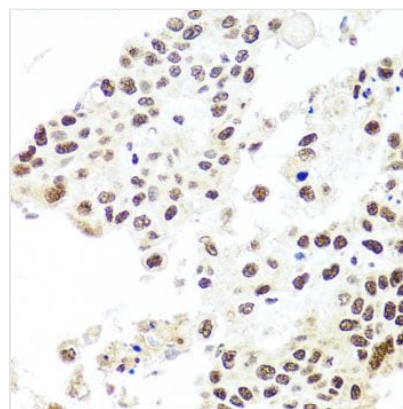
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	810
Applicable Applications for anti-HIRA antibody	WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human HIRA
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



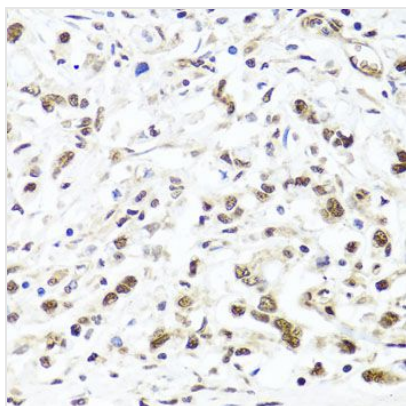
IHC (Immunohistochemistry)

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



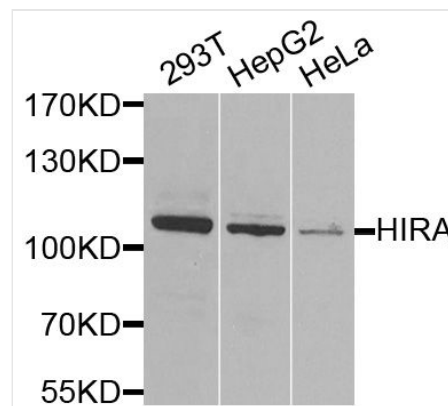
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using HIRA antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using HIRA antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HIRA antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-HIRA antibody

This gene encodes a histone chaperone that preferentially places the variant histone H3.3 in nucleosomes. Orthologs of this gene in yeast, flies, and plants are necessary for the formation of transcriptionally silent heterochromatin. This gene plays an important role in the formation of the senescence-associated heterochromatin foci. These foci likely mediate the irreversible cell cycle changes that occur in senescent cells. It is considered the primary candidate gene in some haploinsufficiency syndromes such as DiGeorge syndrome, and insufficient production of the gene may disrupt normal embryonic development.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21536485
NCBI GeneID	7290
NCBI Accession #	NP_003316.3
NCBI GenBank Nucleotide #	NM_003325.3
UniProt Accession #	P54198; Q05BU9; Q8IXN2
Molecular Weight	112kDa
NCBI Official Full Name	protein HIRA
NCBI Official Synonym Full Names	histone cell cycle regulator
NCBI Official Symbol	HIRA
NCBI Official Synonym Symbols	TUP1; DGCR1; TUPLE1
NCBI Protein Information	protein HIRA
UniProt Protein Name	Protein HIRA
UniProt Gene Name	HIRA
UniProt Synonym Gene Names	DGCR1; HIR; TUPLE1
UniProt Entry Name	HIRA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.