

Histone H2A.X(Phospho Tyr142) Rabbit Polyclonal Antibody

Catalog No.: RA20073

Basic Information

Information

Reactivity	H,M,R
Immunogen	Synthetic Peptide
Host	Rabbit
Isotype	IgG
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	15KD

Applications

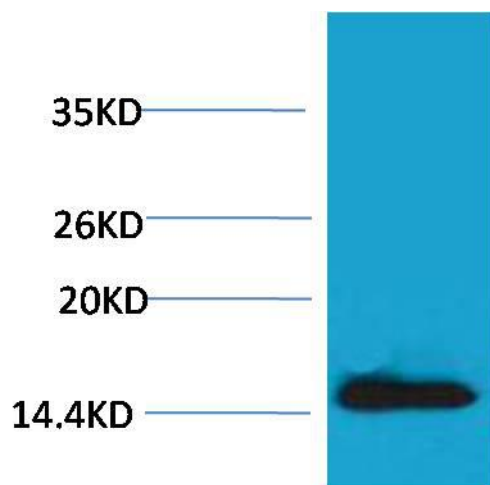
Recommended Dilution

WB	1:1,000-2,000
IHC	1:200-500

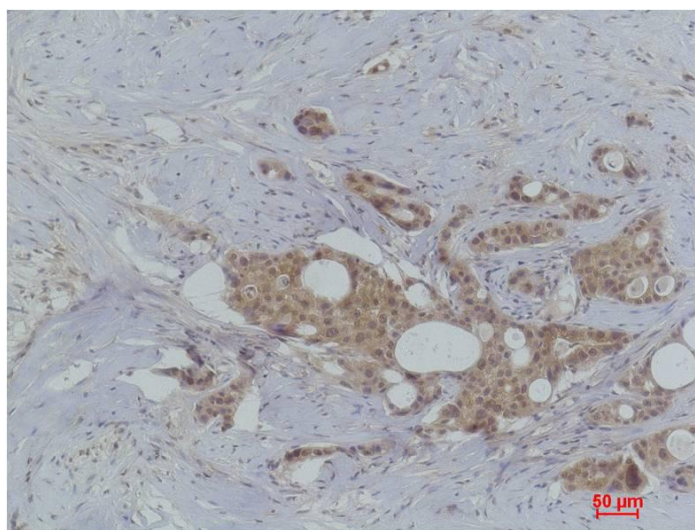
Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

Experimental Data



Western blot analysis of extracts from HeLa cells, using Phospho-Histone H2A.X(Tyr142)Rabbit pAb (upper) 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using Histone H2A.X (Phospho Tyr142)Rabbit pAb diluted at 1:500.

Background

Histone H2A which replaces conventional H2A in a subset of nucleosomes. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template.