

Datasheet for ABIN7448897
anti-gamma H2AX antibody (Ser139)



[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	gamma H2AX (GAMMA-H2AX)
Binding Specificity:	Ser139
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This gamma H2AX antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	Rabbit anti-gamma-H2AX IHC Antibody, Affinity Purified
Immunogen:	Surrounding serine 139
Isotype:	IgG
Predicted Reactivity:	Bovine,Dog,Rabbit,Guinea pig_10141,Pig,Monkey,Gorilla,Little brown bat,Chinese hamster,Crab-eating macaque,Thirteen-lined ground squirrel
Purification:	Affinity Purified

Target Details

Target:	gamma H2AX (GAMMA-H2AX)
Alternative Name:	gamma-H2AX (GAMMA-H2AX Products)

Target Details

Background: Background: H2AX is a member of the histone H2A family. The four core histones involved in the formation of the nucleosome structure of compacted chromatin are H2A, H2B, H3, and H4. H2AX may function to facilitate DNA repair, and recent studies have shown that H2AX is required for the maintenance of genomic stability. Gamma H2AX is the phosphorylated form of H2AX that results in response to DNA damage.

Gene ID: 3014

NCBI Accession: [NP_002096](#)

UniProt: [P16104](#)

Application Details

Application Notes: IHC: 1:100 - 1:500

ICC: 1:100 - 1:500

Restrictions: For Research Use only

Handling

Concentration: 100 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months