

MACROH2A2 antibody

Product Information

Catalog No.:	FNab03739
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Variant histone H2A which replaces conventional H2A in a subset of nucleosomes where it represses transcription. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. May be involved in stable X chromosome inactivation.

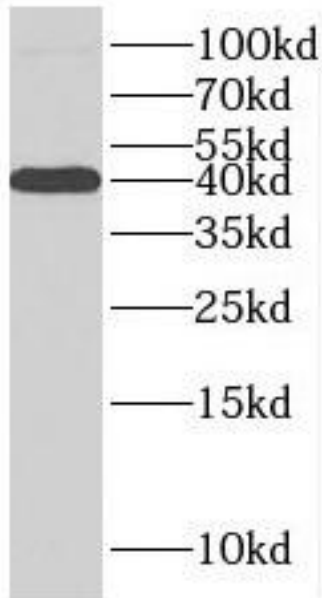
Immunogen information

Immunogen:	H2A histone family, member Y2
Synonyms:	Core histone macro-H2A.2 (Histone macroH2A2, mH2A2) MACROH2A2 H2AFY2
Observed MW:	40 kDa
Uniprot ID :	Q9P0M6

Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB
Recommended dilution:WB:	1:500-1:2000

Image:



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab03739(H2AFY2 antibody) at dilution of 1:500