

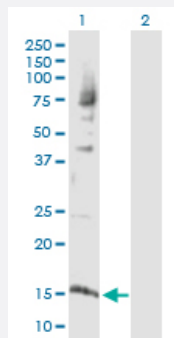
MaxPab®

H2AFX purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003014-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of H2AFX expression in transfected 293T cell line ([H00003014-T02](#)) by H2AFX MaxPab polyclonal antibody.

Lane 1: H2AFX transfected lysate(15.10 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human H2AFX protein.
Immunogen	H2AFX (NP_002096.1, 1 a.a. ~ 143 a.a) full-length human protein.
Sequence	MSGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAERVGAGAPVYLAHVLEYLTAEIL ELAGNAARDNKKTRIIPRHLQLAIRNDEELNKLGGVTIAQGGVLPNIQAVLLPKKTSATVGPKAPS GGKKATQASQEY
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — H2AFX

Entrez GeneID [3014](#)

GeneBank Accession# [NM_002105.2](#)

Protein Accession# [NP_002096.1](#)

Gene Name H2AFX

Gene Alias H2A.X, H2A/X, H2AX

Gene Description H2A histone family, member X

Omim ID [601772](#)

Gene Ontology [Hyperlink](#)

Gene Summary Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a member of the histone H2A family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif. [provided by RefSeq]

Other Designations H2AX histone

Pathway

- [Systemic lupus erythematosus](#)

Disease

- [Azoospermia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [DNA Damage](#)
- [Genetic Predisposition to Disease](#)
- [Lymphoma](#)
- [Oligospermia](#)
- [Ovarian cancer](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Urinary Bladder Neoplasms](#)