DNAxPAb | Hard-to-Find Antibody

H2AFY DNAxPab

Catalog # H00009555-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human H2AFY DNA using DNAx™ Immune tec hnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSSRGGKKKSTKTSRSAKAGVIFPVGRMLRYIKKGHPKYRIGVGAPVYMAAVLEYLTAEILELAGN AARDNKKGRVTPRHILLAVANDEELNQLLKGVTIASGGVLPNIHPELLAKKRGSKGKLEAIITPPPA KKAKSPSQKKPVSKKAGGKKGARKSKKKQGEVSKAASADSTTEGTPADGFTVLSTKSLFLGQK LNLIHSEISNLAGFEVEAIINPTNADIDLKDDLGNTLEKKGGKEFVEAVLELRKKNGPLEVAGAAVS AGHGLPAKFVIHCNSPVWGADKCEELLEKTVKNCLALADDKKLKSIAFPSIGSGRNGFPKQTAAQ LILKAISSYFVSTMSSSIKTVYFVLFDSESIGIYVQEMAKLDAN
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — H2AFY

Entrez GeneID	9555
GeneBank Accession#	NM_138610.2
Protein Accession#	NP_613258.2
Gene Name	H2AFY
Gene Alias	H2A.y, H2A/y, H2AF12M, H2AFJ, MACROH2A1.1, mH2A1, macroH2A1.2
Gene Description	H2A histone family, member Y
Omim ID	610054
Gene Ontology	Hyperlink
Gene Summary	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chro mosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped aro und a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H 4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene encodes a member of the histone H2A family. It replaces conventional H2A histones in a subset of nucleoso mes where it represses transcription and participates in stable X chromosome inactivation. Altern ative splicing results in multiple transcript variants encoding different isoforms. [provided by RefS eq
Other Designations	histone macroH2A1.1|histone macroH2A1.2

Pathway

- Systemic lupus erythematosus

Disease

- Autistic Disorder
- Genetic Predisposition to Disease
- Tobacco Use Disorder