

HDX Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55992

Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q7Z353
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	77206
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HDX
Epitope Specificity	1-100/690
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
SIMILARITY	Contains 2 homeobox DNA-binding domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	HDX (highly divergent homeobox) is a 690 amino acid nuclear protein that contains two homeobox DNA-binding domains. Existing as two alternatively spliced isoforms, the gene encoding HDX maps to the human X chromosome, which consists of about 153 million base pairs and nearly 1,000 genes. The combination of an X and Y chromosome leads to normal male development while two copies of X lead to normal female development. There are a number of conditions related to an unusual number and combination of sex chromosomes being inherited, including Turner's syndrome, Klinefelter's syndrome and Triple X syndrome. Color blindness, hemophilia, and Duchenne muscular dystrophy are well known X chromosome-linked conditions which affect males more frequently as males carry a single X chromosome.

Additional Information

Gene ID	139324
Other Names	Highly divergent homeobox, HDX, CXorf43
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	HDX
Synonyms	CXorf43
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00108}.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.