SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-HDX antibody

Catalog Number: SL15435R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	HDX
Immunogen:	KLH conjugated synthetic peptide derived from human HDX: 1-100/690
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Chicken, Horse, Rabbit)
Predicted MW.:	77kDa
Subcellular Location:	The nucleus
Background:	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. **Subcellular Location:** Nucleus.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Similarity: Contains 2 homeobox DNA-binding domains. **Database links:** **Entrez Gene:** 422272 Chicken **Entrez Gene:** 491990 Dog **Entrez Gene:** 139324 Human **Entrez Gene:** 245596 Mouse **SwissProt:** Q5ZKW8 Chicken **SwissProt:** Q7Z353 Human **SwissProt:** Q14B70 Mouse **Unigene:** 559546 Human **Unigene:** 246623 Mouse

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