

bs-15435R**[Primary Antibody]****HDX Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Chicken, Horse) Predicted MW.: 77 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 139324	SWISS: Q7Z353	
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°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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.		