

bs-8263R**[Primary Antibody]****DHR SX Rabbit pAb****BioSS**
ANTIBODIES

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 207063	SWISS: Q8N5I4	IHC-F (1:100-500)
Target: DHR SX		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human DHR SX: 51-150/330.		Reactivity: (predicted: Human)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted
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.		MW.: 33 kDa
Background: DHR SX (dehydrogenase/reductase SDR family member on chromosome X) is a 330 amino acid protein belonging to the short- chain dehydrogenases/reductases (SDR) family. Widely expressed, DHR SX is an oxidoreductase that contains a coenzyme binding site and a substrate binding site, indicating a possible role in cellular metabolism. The gene that encodes DHR SX is located in the pseudoautosomal region 1 (PAR1) of X and Y chromosomes. The X and Y chromosomes are the human sex chromosomes. Chromosome X consists of about 153 million base pairs and nearly 1,000 genes. The combination of a X and Y chromosome lead 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 Secreted ,Extracellular Location: matrix