

NFIX Rabbit pAb

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Catalog # AP54665

Product Information

Application	WB
Primary Accession	Q14938
Reactivity	Human
Predicted	Rat, Pig, Dog, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55098
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NFIX
Epitope Specificity	301-400/440
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.
DISEASE	Defects in NFIX are the cause of Sotos syndrome 2 (SOTOS2) [MIM:614753]. A form of Sotos syndrome, a childhood overgrowth syndrome characterized by pre- and postnatal overgrowth, developmental delay, mental retardation, advanced bone age, and abnormal craniofacial morphology. SOTOS2 patients have macrocephaly, long narrow face, high forehead, slender habitus, scoliosis, and unusual behavior characterized especially by anxiety. Defects in NFIX are the cause of Marshall-Smith syndrome (MRSHSS) [MIM:602535]. A distinct malformation syndrome characterized by accelerated skeletal maturation, relative failure to thrive, respiratory difficulties, mental retardation, and unusual facies, including prominent forehead, shallow orbits, blue sclerae, depressed nasal bridge, and micrognathia. Additional skeletal findings include long and thin tubular bones, broad middle phalanges with relatively narrow distal phalanges, and scoliosis.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Recognizes and binds the palindromic sequence 5'-TTGGCNNNNNGCCAA-3' present in viral and cellular promoters and in the origin of replication of adenovirus type 2. These proteins are individually capable of activating transcription and replication.

Additional Information

Gene ID	4784
Other Names	Nuclear factor 1 X-type, NF1-X, Nuclear factor 1/X, CCAAT-box-binding transcription factor, CTF, Nuclear factor I/X, NF-I/X, NFI-X, TGGCA-binding protein, NFIX

Dilution	WB=1:500-2000
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.

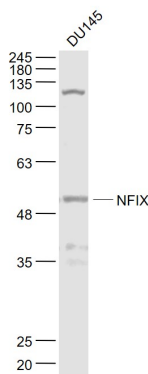
Protein Information

Name	NFIX
Function	Recognizes and binds the palindromic sequence 5'- TTGCNNNNNGCCAA-3' present in viral and cellular promoters and in the origin of replication of adenovirus type 2. These proteins are individually capable of activating transcription and replication.
Cellular Location	Nucleus.
Tissue Location	Widely expressed..

Background

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Images



Sample:
DU145(Human) Cell Lysate at 30 ug
Primary: Anti- NFIX (AP54665) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 55 kD
Observed band size: 55 kD

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