

DEXI Rabbit pAb

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Catalog # AP55505

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O95424
Reactivity	Mouse
Predicted	Rat, Human, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	10429
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DEXI
Epitope Specificity	51-95/95
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	DEXI is a 95 amino acid protein belonging to the DEXI family. Induced by dexamethasone, DEXI is expressed in brain, liver, pancreas, placenta and lung, with highest levels in heart. DEXI is also up-regulated in emphysematous lung compared to normal lung. The gene encoding DEXI maps to human chromosome 16, which encodes over 900 genes and comprises nearly 3% of the human genome. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, as is Crohn's disease, a gastrointestinal inflammatory condition.

Additional Information

Gene ID	28955
Other Names	Dexamethasone-induced protein, Protein MYLE, DEXI, MYLE
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

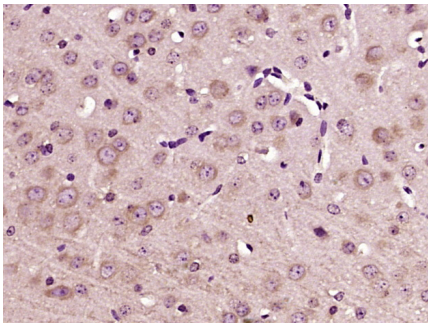
Protein Information

Name	DEXI
Synonyms	MYLE
Tissue Location	Highest levels in heart. Also expressed in brain, liver, pancreas, placenta and lung. Up-regulated in emphysematous lung compared to normal lung.

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DEXI) Polyclonal Antibody, Unconjugated (AP55505) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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