

IDS Polyclonal Antibody

catalog number: E-AB-53138

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

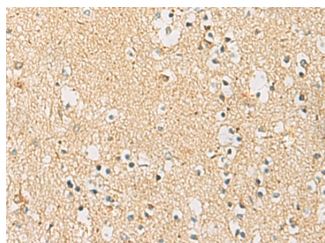
Reactivity	Human;Mouse
Immunogen	Fusion protein of human IDS
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

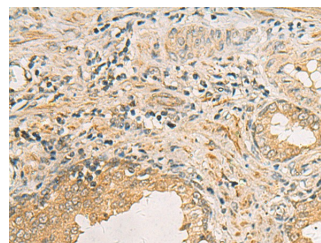
Recommended Dilution

IHC	1:50-1:200
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Data



Immunohistochemistry of paraffin-embedded Human brain tissue using IDS Polyclonal Antibody at dilution of 1:70($\times 200$)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using IDS Polyclonal Antibody at dilution of 1:70($\times 200$)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Iduronate 2-sulfatase (IDS) is required for the lysosomal degradation of heparan sulfate and dermatan sulfate. Mutations causing IDS deficiency in humans result in the lysosomal storage of these glycosaminoglycans and Hunter syndrome, an X chromosome-linked disease. An internal proteolytic cleavage occurs to produce the mature IDS present in human liver shown to contain a 42 kDa polypeptide N-terminal to a 14 kDa polypeptide.

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