

STAR Polyclonal Antibody

catalog number: AN007300L

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

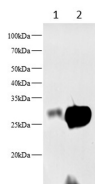
Description

Reactivity	Mouse;Rat
Immunogen	Recombinant Human STAR protein expressed by E.coli
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB	1:1000-1:2000
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Data



Western blot with Anti STAR Polyclonal antibody at dilution of 1:1000. Lane 1: Mouse adrenal gland tissue lysate, Lane 2: Rat adrenal gland tissue lysate.

Observed-MW:30 kDa

Calculated-MW:32 kDa

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

The protein encoded by this gene plays a key role in the acute regulation of steroid hormone synthesis by enhancing the conversion of cholesterol into pregnenolone. This protein permits the cleavage of cholesterol into pregnenolone by mediating the transport of cholesterol from the outer mitochondrial membrane to the inner mitochondrial membrane. Mutations in this gene are a cause of congenital lipid adrenal hyperplasia (CLAH), also called lipid CAH. A pseudogene of this gene is located on chromosome 13.

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