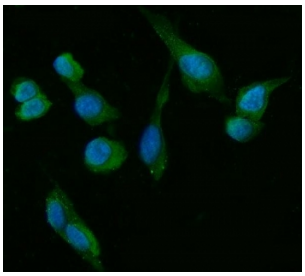
HSD3B1/2 Antibody [clone 3F3C/7F9C8] (RQ6736)

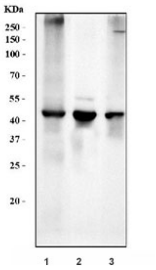
Catalog No.	Formulation	Size
RQ6736	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	3F3C/7F9C8
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P14060
Localization	Cytoplasmic
Applications	Western blot: 1-2ug/ml Immunofluorescence (FFPE): 5ug/ml
Limitations	This HSD3B1/2 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with HSD3B1/2 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human placenta, 2) rat testis and 3) mouse testis tissue lysate with HSD3B1/2 antibody. Predicted molecular weight ~42 kDa.

Description

HSD3B1 is a human gene that encodes for a 3beta-hydroxysteroid dehydrogenase/delta(5)-delta(4)isomerase type I or hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1. It is mapped to 1p12. The protein encoded by this gene is an enzyme that catalyzes the oxidative conversion of delta-5-3-beta-hydroxysteroid precursors into delta-4-ketosteroids, which leads to the production of all classes of steroid hormones. The encoded protein also catalyzes the interconversion of 3-beta-hydroxy- and 3-keto-5-alpha-androstane steroids.

Application Notes

Optimal dilution of the HSD3B1/2 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids Q17-Q373) was used as the immunogen for the HSD3B1/2 antibody.

Storage

After reconstitution, the HSD3B1/2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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