

Product datasheet for **TA351267**

HSD11B2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human placenta and normal kidney tissue IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human HSD11B2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	44 kDa
Gene Name:	hydroxysteroid (11-beta) dehydrogenase 2
Database Link:	NP_000187 Entrez Gene 3291 Human P80365

Background: There are at least two isozymes of the corticosteroid 11-beta-dehydrogenase, a microsomal enzyme complex responsible for the interconversion of cortisol and cortisone. The type I isozyme has both 11-beta-dehydrogenase (cortisol to cortisone) and 11-oxoreductase (cortisone to cortisol) activities. The type II isozyme, encoded by this gene, has only 11-beta-dehydrogenase activity.



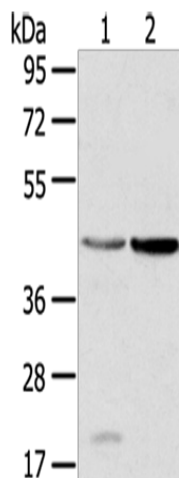
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Synonyms: AME; AME1; HSD2; HSD11K; SDR9C3

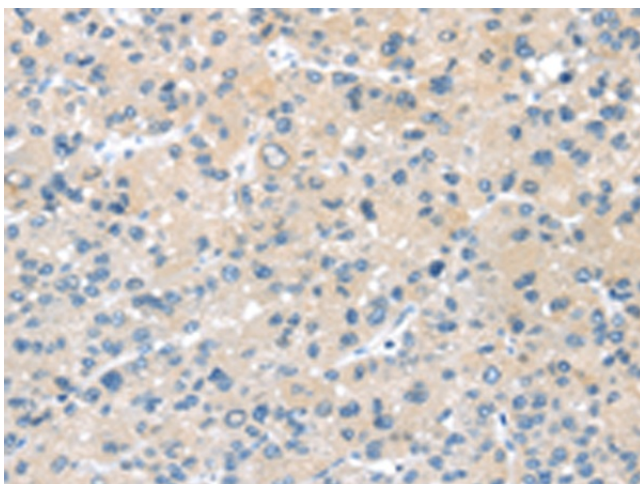
Protein Families: Druggable Genome

Protein Pathways: Androgen and estrogen metabolism, C21-Steroid hormone metabolism, Metabolic pathways

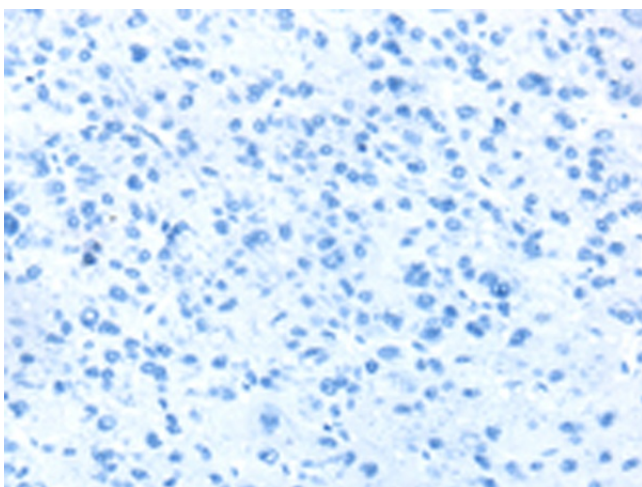
Product images:



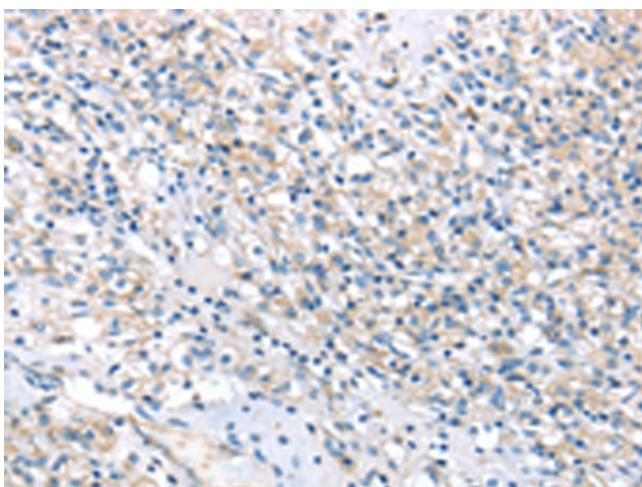
Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Human placenta tissue
Human normal kidney tissue
Primary antibody: TA351267 (HSD11B2 Antibody)
at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 30 seconds



Immunohistochemistry of paraffin-embedded
Human liver cancer tissue using TA351267
(HSD11B2 Antibody) at dilution 1/35 (Original
magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA351267 (HSD11B2 Antibody) at dilution 1/35, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA351267 (HSD11B2 Antibody) at dilution 1/35 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA351267 (HSD11B2 Antibody) at dilution 1/35, treated with synthetic peptide. (Original magnification: ×200)