

Product datasheet for **TA350060S**

HSD17B2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human fetal liver tissue IHC: 50-200 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human HSD17B2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
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:	43 kDa
Gene Name:	hydroxysteroid (17-beta) dehydrogenase 2
Database Link:	NP_002144 Entrez Gene 3294 Human P37059



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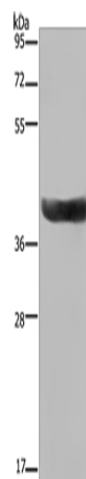
Background: 17 β -HSD2 (17 β hydroxysteroid dehydrogenase type 2) belongs to the 17 β -HSD family of proteins that regulate the availability of steroids within a tissue. 17 β -HSD2 converts active steroids to their inactive form through its oxidative activity. It is a key player in the inactivation of Estradiol and testosterone. Due to the affects that 17 β -HSD2 has on the availability of estrogen, it has been extensively investigated for playing a possible role in breast tumor development, colon cancer development and the pathophysiology of endometriosis.

Synonyms: EDH17B2; HSD17; SDR9C2

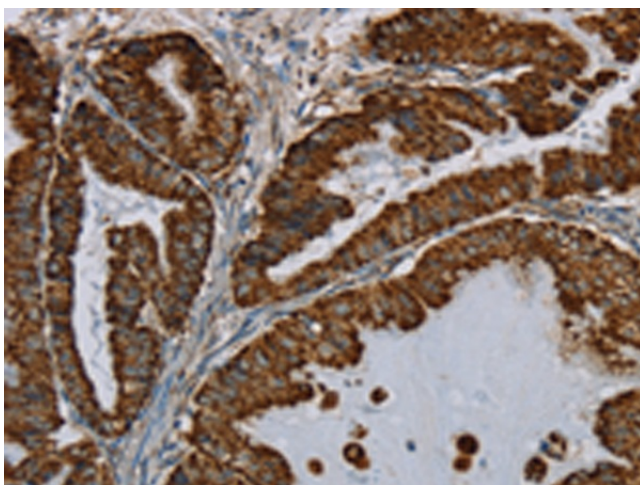
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Androgen and estrogen metabolism, Metabolic pathways

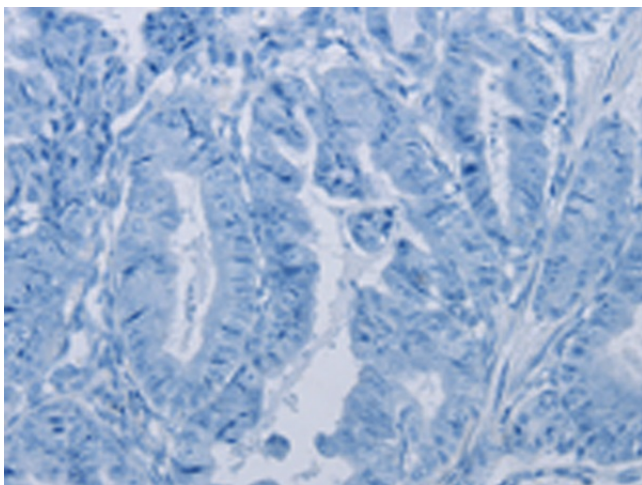
Product images:



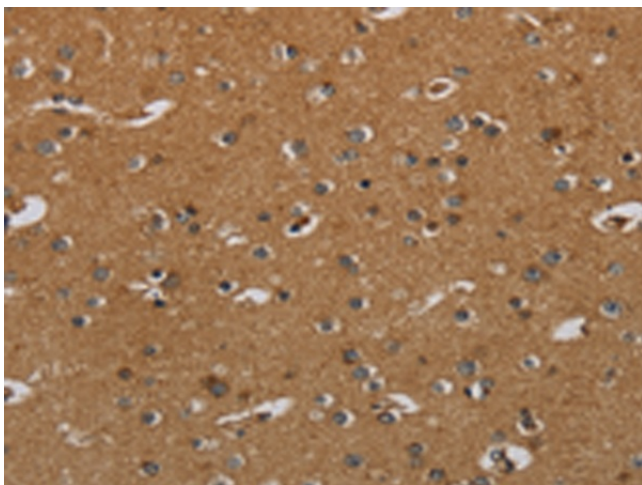
Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: Human fetal liver tissue
Primary antibody: [TA350060] (HSD17B2 Antibody) at dilution 1/300
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 1 minute



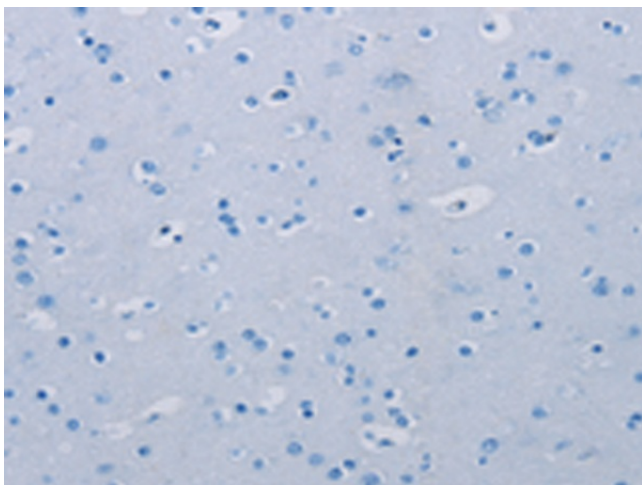
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA350060] (HSD17B2 Antibody) at dilution 1/50 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA350060] (HSD17B2 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA350060] (HSD17B2 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA350060] (HSD17B2 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)