

Datasheet for ABIN651318
anti-HSD17B2 antibody (AA 265-294)[Go to Product page](#)

3 Images

Overview

| | |
|----------------------|---|
| Quantity: | 400 µL |
| Target: | HSD17B2 |
| Binding Specificity: | AA 265-294 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HSD17B2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|---------------|---|
| Immunogen: | This HSD17B2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 265-294 amino acids from the Central region of human HSD17B2. |
| Clone: | RB26219 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| | |
|-------------------|--|
| Target: | HSD17B2 |
| Alternative Name: | HSD17B2 (HSD17B2 Products) |

Target Details

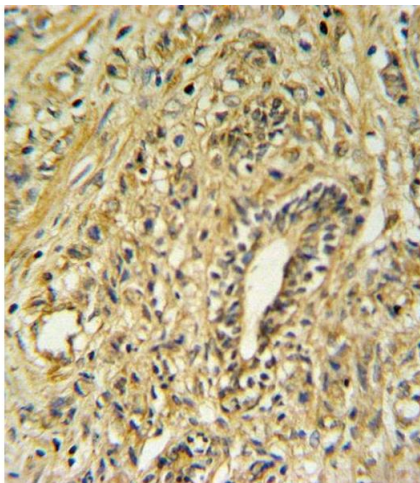
| | |
|-------------------|--|
| Background: | HSD17B2 is capable of catalyzing the interconversion of testosterone and androstenedione, as well as estradiol and estrone.HSD17B2 also has 20-alpha-HSD activity. HSD17B2 uses NADH while EDH17B3 uses NADPH. |
| Molecular Weight: | 42785 |
| Gene ID: | 3294 |
| NCBI Accession: | NP_002144 |
| UniProt: | P37059 |
| Pathways: | Steroid Hormone Biosynthesis |

Application Details

| | |
|--------------------|---|
| Application Notes: | WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50 |
| Restrictions: | For Research Use only |

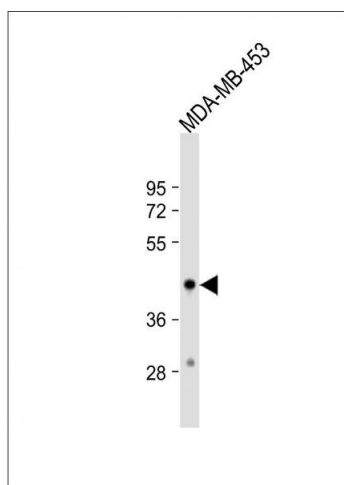
Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date: | 6 months |



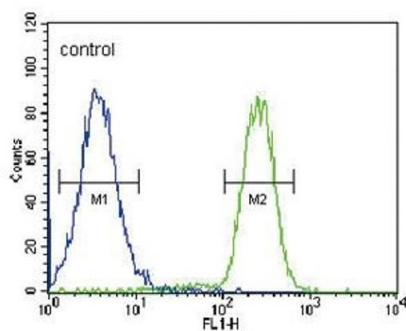
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. HSD17B2 Antibody (Center) (ABIN651318 and ABIN2840185) IHC analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the HSD17B2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Anti-HSD17B2 Antibody (Center) at 1:1000 dilution + MDA-MB-453 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 43 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Flow Cytometry

Image 3. HSD17B2 Antibody (Center) (ABIN651318 and ABIN2840185) flow cytometric analysis of MDA-MB-453 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.