

Datasheet for ABIN6142013
anti-HSD17B8 antibody (AA 1-261)



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2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | HSD17B8 |
| Binding Specificity: | AA 1-261 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HSD17B8 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF) |

Product Details

| | |
|-------------------|---|
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 1-261 of human HSD17B8 (NP_055049.1). |
| Sequence: | MASQLQNRLR SALALVTGAG SGIGRAVSVR LAGEGATVAA CDLDRAAAQE TVRLLGGPGS KEGPPRGNHA AFQADVSEAR AARCLLEQVQ ACFSRPPSVV VSCAGITQDE FLLHMSSEDDW DKVIAVNKLG TFLVTQAAAQ ALVSNGCRGS IINISSIVGK VGNVGTNYA ASKAGVIGLT QTAARELGRH GIRCNSVLPG FIATPMTQKV PQKVVDKITE MIPMGHLGDP EDVADVVAFL ASEDSGYITG TSVEVTGGLF M |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Characteristics: | Polyclonal Antibodies |
| Purification: | Affinity purification |

Target Details

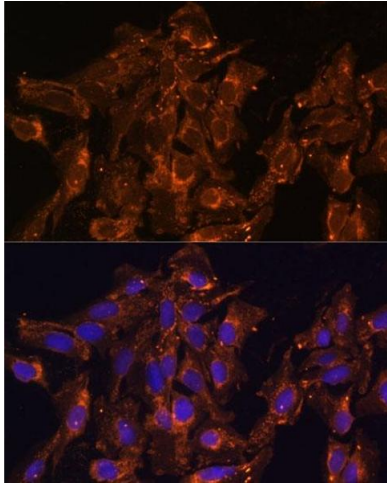
| | |
|-------------------|---|
| Target: | HSD17B8 |
| Alternative Name: | HSD17B8 (HSD17B8 Products) |
| Background: | <p>In mice, the Ke6 protein is a 17-beta-hydroxysteroid dehydrogenase that can regulate the concentration of biologically active estrogens and androgens. It is preferentially an oxidative enzyme and inactivates estradiol, testosterone, and dihydrotestosterone. However, the enzyme has some reductive activity and can synthesize estradiol from estrone. The protein encoded by this gene is similar to Ke6 and is a member of the short-chain dehydrogenase superfamily. An alternatively spliced transcript of this gene has been detected, but the full-length nature of this variant has not been determined.,HSD17B8,D6S2245E,FABG,FABGL,H2-KE6,HKE6,KE6,RING2,SDR30C1,dJ1033B10.9,Signal Transduction,Cell Biology & Developmental Biology,Growth factor,Endocrine & Metabolism,Neuroscience,HSD17B8</p> |
| Molecular Weight: | 26 kDa |
| Gene ID: | 7923 |
| UniProt: | Q92506 |
| Pathways: | Steroid Hormone Biosynthesis |

Application Details

| | |
|--------------------|--|
| Application Notes: | WB,1:500 - 1:2000,IHC,1:50 - 1:100,IF,1:50 - 1:100 |
| Comment: | HIGH QUALITY |
| Restrictions: | For Research Use only |

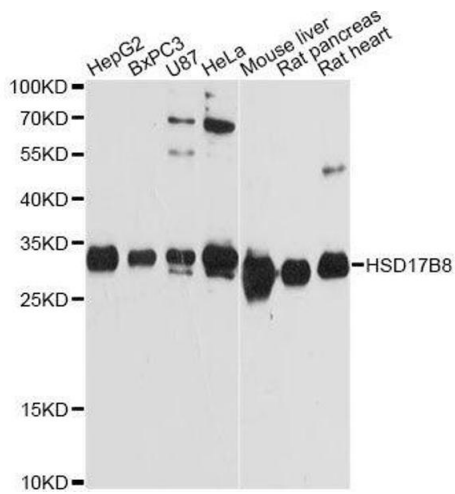
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Buffer: | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3. |
| 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: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |



Immunofluorescence

Image 1. Immunofluorescence analysis of U-2 OS cells using HSD17B8 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using HSD17B8 Antibody.