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Datasheet for ABIN7237194
anti-HSD17B12 antibody

3 Images

Overview

Quantity:	200 µL
Target:	HSD17B12
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD17B12 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant protein of human HSD17B12
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	HSD17B12
Alternative Name:	HSD17B12 (HSD17B12 Products)
Background:	This gene encodes a very important 17beta-hydroxysteroid dehydrogenase (17beta-HSD) that converts estrone into estradiol in ovarian tissue. This enzyme is also involved in fatty acid elongation. Catalyzes the transformation of estrone (E1) into estradiol (E2), suggesting a central role in estrogen formation. Its strong expression in ovary and mammary gland suggest

Target Details

that it may constitute the major enzyme responsible for the conversion of E1 to E2 in women.

Molecular Weight: 34 kDa

UniProt: [Q53GQ0](#)

Pathways: [Steroid Hormone Biosynthesis](#)

Application Details

Application Notes: WB 1:200-1:1000, IHC 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.4 mg/mL

Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

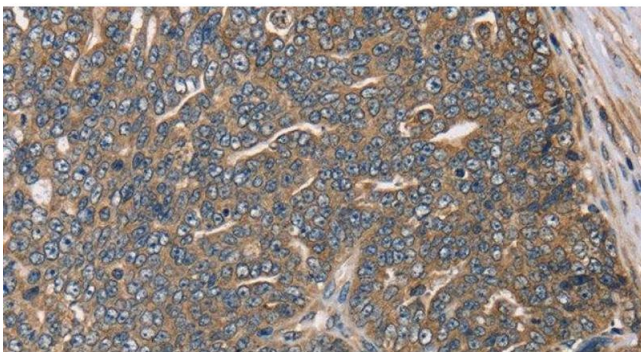
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

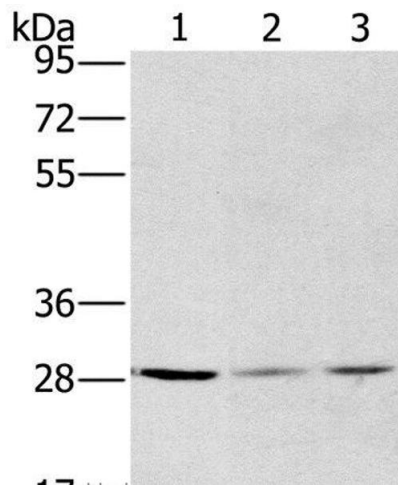
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



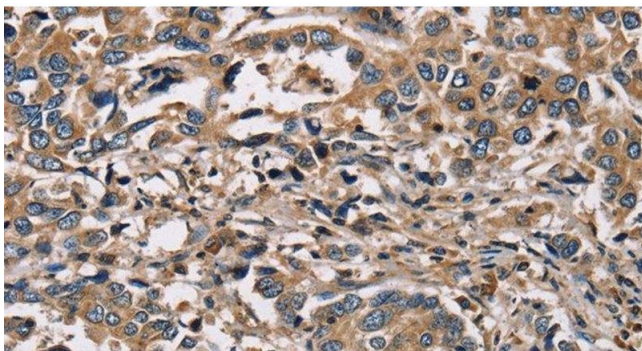
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human cervical cancer using HSD17B12 Polyclonal Antibody at dilution of 1:30



Western Blotting

Image 2. Western Blot analysis of A375, hela and A172 cell using HSD17B12 Polyclonal Antibody at dilution of 1:570



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human liver cancer using HSD17B12 Polyclonal Antibody at dilution of 1:30