

HSD17B12 Antibody

Catalog No: #36529

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Description

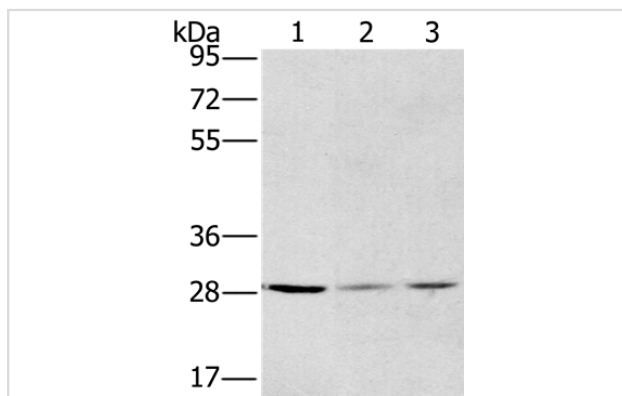
Product Name	HSD17B12 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total HSD17B12 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human hydroxysteroid (17-beta) dehydrogenase 12
Target Name	HSD17B12
Other Names	KAR; SDR12C1
Accession No.	Swiss-Prot#: Q53GQ0NCBI Gene ID: 51144Gene Accssion: BC012043/Q53GQ0
Uniprot	Q53GQ0
GeneID	51144;
SDS-PAGE MW	34kd
Concentration	1.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE

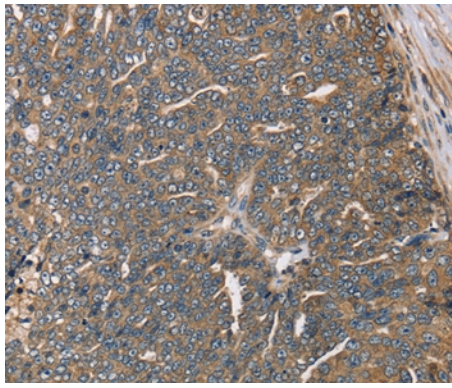
Lysates (from left to right): A375, hela and A172 cell

Amount of lysate: 40ug per lane

Primary antibody: 1/570 dilution

Secondary antibody dilution: 1/8000

Exposure time: 30 seconds



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using #36529 at dilution 1/30.

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

Note: This product is for in vitro research use only