Datasheet for ABIN545826

anti-HSD17B10 antibody (C-Term)

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Overview

Quantity:	400 µL
Target:	HSD17B10
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD17B10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of HSD17B10.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human HSD17B10.
Cross-Reactivity:	Human

Target Details

Target:	HSD17B10
Alternative Name:	HSD17B10 / ERAB (HSD17B10 Products)
Gene ID:	3028

Application Details

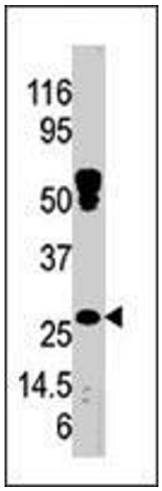
Application Notes:	ELISA (1:1000) Western Blot (1:100-500) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS (0.09 % 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:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

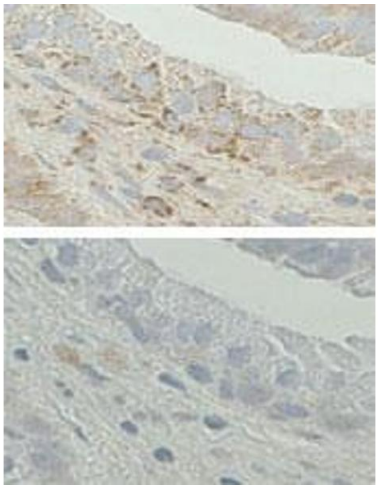
Publications

Product cited in:	Takuma, Yao, Huang, Xu, Chen, Luddy, Trillat, Stern, Arancio, Yan: "ABAD enhances Abeta-induced cell stress via mitochondrial dysfunction." in: **FASEB journal : official publication of the Federation of American Societies for Experimental Biology**, Vol. 19, Issue 6, pp. 597-8, (2005) (PubMed). Lustbader, Cirilli, Lin, Xu, Takuma, Wang, Caspersen, Chen, Pollak, Chaney, Trinchese, Liu, Gunn-Moore, Lue, Walker, Kuppusamy, Zewier, Arancio, Stern, Yan, Wu: "ABAD directly links Abeta to mitochondrial toxicity in Alzheimer's disease." in: **Science (New York, N.Y.)**, Vol. 304, Issue 5669, pp. 448-52, (2004) (PubMed). Kissinger, Rejto, Pelletier, Thomson, Showalter, Abreo, Agree, Margosiak, Meng, Aust, Vanderpool, Li, Tempczyk-Russell, Villafranca: "Crystal structure of human ABAD/HSD10 with a bound inhibitor: implications for design of Alzheimer's disease therapeutics." in: **Journal of molecular biology**, Vol. 342, Issue 3, pp. 943-52, (2004) (PubMed).



Western Blotting

Image 1. Western blot analysis of HSD17B10 polyclonal antibody in mouse kidney tissue lysate. HSD17B10 (arrow) was detected using the purified polyclonal antibody.



Immunohistochemistry

Image 2. Immunohistochemistry on formalin-fixed and paraffin-embedded human prostate tissue. (Top) Coloration with the HSD17B10 polyclonal antibody at a 1 : 20 concentration. (Bottom) Antibody adsorbed to the antigen (peptide), negative control. Disappearance of cytoplasmic staining indicating the antibody is specific. Data and protocol courtesy of Marie-Helene Levesque, Centre de Recherche du CHUL, Canada.

