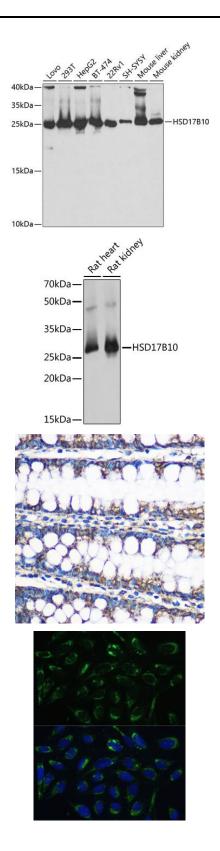
HSD17B10 Rabbit Polyclonal Antibody

CAB5448



roduct Information	Protein Background
Size:	This gene encodes 3-hydroxyacyl-CoA dehydrogenase type II, a member of the short-chair
20uL, 50uL, 100uL, 200uL	dehydrogenase/reductase superfamily. The gene product is a mitochondrial protein that catalyzes the oxidation of a wide variety of fatty acids and steroids, and is a subunit of
Observed MW:	mitochondrial ribonuclease P, which is involved in tRNA maturation. The protein has been implicated in the development of Alzheimer disease, and mutations in the gene are the cause
26kDa	of 17beta-hydroxysteroid dehydrogenase type 10 (HSD10) deficiency. Several alternatively spliced transcript variants have been identified, but the full-length nature of only two transcript
Calculated MW:	variants has been determined.
25kDa/26kDa	Immunogen information
Applications:	Gene ID:
WB IHC IF	3028
Reactivity:	Uniprot
Human, Mouse, Rat	Q99714
	Synonyms:
Antibody Information	HSD17B10; 17b-HSD10; ABAD; CAMR; DUPXp11.22; ERAB; HADH2; HCD2; MHBD; MRPP2; MRX17; MRX31; MRXS10; SCHAD; SDR5C1;
Recommended dilutions: WB 1:500 - 1:2000 IHC 1:50	HSD10MD
- 1:100 IF 1:50 - 1:100	Immunogen:
Source: Rabbit	Recombinant fusion protein containing a sequence corresponding to amino acids 1-261 of human HSD17B10 (NP_004484.1).
lsotype:	Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

Purification: Affinity purification



Western blot analysis of extracts of various cell lines, using HSD17B10 antibody (CAB5448) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.

Western blot analysis of extracts of various cell lines, using HSD17B10 antibody (CAB5448) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.

Immunohistochemistry of paraffin-embedded Human colon using HSD17B10 Rabbit pAb (CAB5448) at dilution of 1:100 (40x lens).

Immunofluorescence analysis of U-2 OS cells using HSD17B10 Polyclonal Antibody (CAB5448) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.