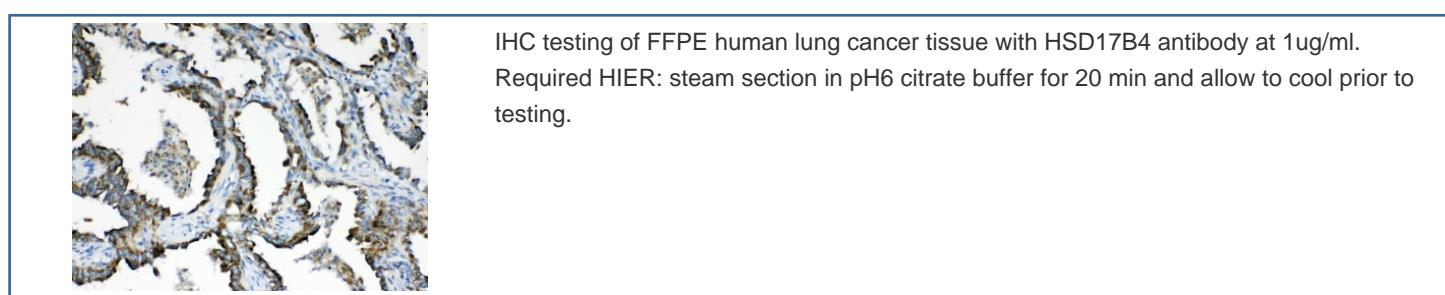
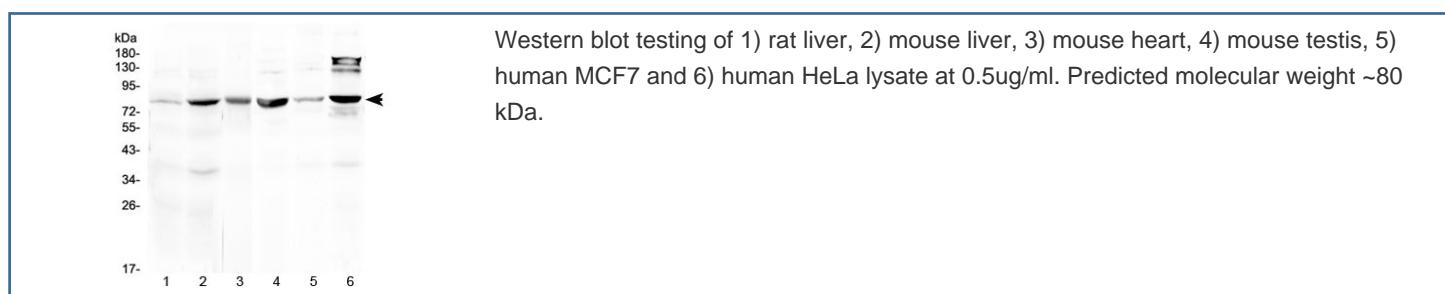


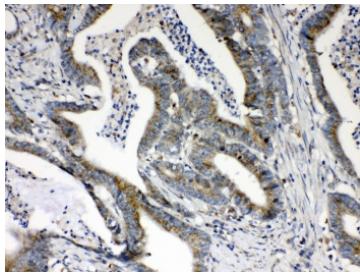
## HSD17B4 Antibody (R32735)

Catalog No.	Formulation	Size
R32735	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

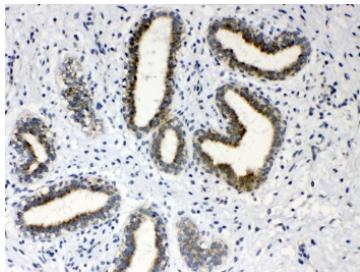
**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
<b>UniProt</b>	P51659
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 1-2ug/ml
<b>Limitations</b>	This HSD17B4 antibody is available for research use only.





IHC testing of FFPE human intestinal cancer tissue with HSD17B4 antibody at 1ug/ml.  
Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



IHC testing of FFPE human breast cancer tissue with HSD17B4 antibody at 1ug/ml.  
Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.

## Description

Peroxisomal multifunctional enzyme type 2 is a protein that in humans is encoded by the HSD17B4 gene. The protein encoded by this gene is a bifunctional enzyme that is involved in the peroxisomal beta-oxidation pathway for fatty acids. It also acts as a catalyst for the formation of 3-ketoacyl-CoA intermediates from both straight-chain and 2-methyl-branched-chain fatty acids. Defects in this gene that affect the peroxisomal fatty acid beta-oxidation activity are a cause of D-bifunctional protein deficiency (DBPD). An apparent pseudogene of this gene is present on chromosome 8. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

## Application Notes

Optimal dilution of the HSD17B4 antibody should be determined by the researcher.

## Immunogen

Amino acids D510-L736 from the human protein were used as the immunogen for the HSD17B4 antibody.

## Storage

After reconstitution, the HSD17B4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.