

TMEM205 (aa142-151) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3377a**Specification**

TMEM205 (aa142-151) Antibody (internal region) - Product Information

Application	WB
Primary Accession	Q6UW68
Other Accession	NP_212133.1 , 374882 , 235043 (mouse) , 300441 (rat)
Reactivity	Human, Mouse
Predicted	Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	21198

TMEM205 (aa142-151) Antibody (internal region) - Additional Information**Gene ID** 374882**Other Names**

Transmembrane protein 205, TMEM205

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TMEM205 (aa142-151) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

TMEM205 (aa142-151) Antibody (internal region) - Protein Information**Name** TMEM205**Function**

In cancer cells, plays a role in resistance to the chemotherapeutic agent cisplatin.

Cellular Location

Membrane; Multi-pass membrane protein. Note=Located on cell surface microvilli. In cancer cells, transition in subcellular location from cell surface to intracellular regions correlates the progression of cisplatin resistance

Tissue Location

Widely expressed with highest levels in pancreas, followed by adrenal gland, thyroid, liver, mammary gland, prostate, kidney, and retina; lowest levels in skeletal muscle. Overexpressed in cisplatin-resistant cancer cells (at protein level)

TMEM205 (aa142-151) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TMEM205 (aa142-151) Antibody (internal region) - Images

AF3377a (0.03 µg/ml) staining of Human Pancreas lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

TMEM205 (aa142-151) Antibody (internal region) - Background

Reported variants represent identical protein: NP_940938.1, NP_212133.1, NP_001138888.1.

TMEM205 (aa142-151) Antibody (internal region) - References

Elevated expression of TMEM205, a hypothetical membrane protein, is associated with cisplatin resistance. Shen DW, Ma J, Okabe M, Zhang G, Xia D, Gottesman MM, J Cell Physiol. 2010 Nov;225(3):822-8. PMID: 20589834