

bs-6076R**[Primary Antibody]****MTUS1 Rabbit pAb****BioSS**
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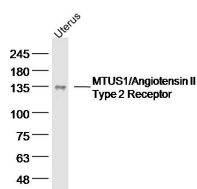
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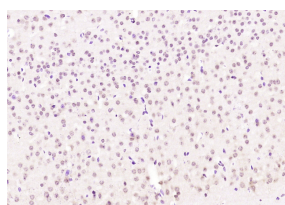
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 57509 Target: MTUS1 Immunogen: KLH conjugated synthetic peptide derived from human MTUS1: 1151-1270/1270. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: This gene encodes a protein which contains a C-terminal domain able to interact with the angiotension II (AT2) receptor and a large coiled-coil region allowing dimerization. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the transcript variants has been shown to encode a mitochondrial protein that acts as a tumor suppressor and participates in AT2 signaling pathways. Other variants may encode nuclear or transmembrane proteins but it has not been determined whether they also participate in AT2 signaling pathways. [provided by RefSeq, Jul 2008].	Isotype: IgG SWISS: Q9ULD2	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse (predicted: Human, Rat, Rabbit, Cow, Chicken, Dog, Horse) Predicted MW.: 141 kDa Subcellular Location: Cell membrane
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— VALIDATION IMAGES —

Sample: Uterus (mouse) Lysate at 40 ug Primary:
 Anti- MTUS1/Angiotensin II Type 2 Receptor
 (bs-6076R) at 1/300 dilution Secondary:
 IRDye800CW Goat Anti-Rabbit IgG at 1/20000
 dilution Predicted band size: 141 kD Observed
 band size: 135 kD



Paraformaldehyde-fixed, paraffin embedded
 (mouse brain); Antigen retrieval by boiling in
 sodium citrate buffer (pH6.0) for 15min; Block
 endogenous peroxidase by 3% hydrogen
 peroxide for 20 minutes; Blocking buffer (normal
 goat serum) at 37°C for 30min; Antibody
 incubation with (MTUS1 Angiotensin II Type 2
 Receptor) Polyclonal Antibody, Unconjugated
 (bs-6076R) at 1:200 overnight at 4°C, followed by
 operating according to SP Kit(Rabbit) (sp-0023)
 instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=6.126]** Nikhil Ranjan. et al. The Tumor Suppressor MTUS1/ATIP1 Modulates Tumor Promotion in Glioma: Association with Epigenetics and DNA Repair. Cancers. 2021 Jan;13(6):1245 WB,IHC ;Human. 33809019
- **[IF=3.448]** Chen ZZ et al. Tanshinone IIA contributes to the pathogenesis of endometriosis via renin angiotensin system by regulating the dorsal root ganglion axon sprouting. Life Sci. 2019 Nov 20;240:117085. IHC,WB ;Rat. 31759042

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.