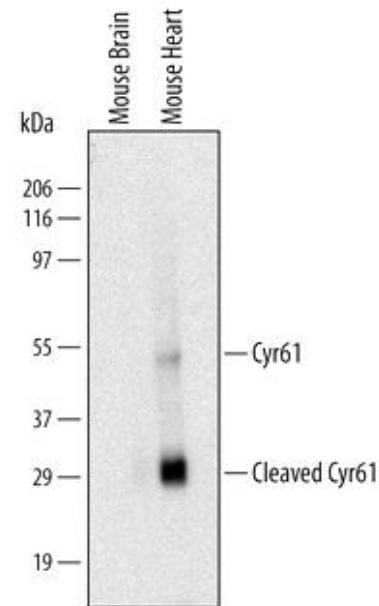


Cyr61/CCN1 Antibody (Clone 466305)

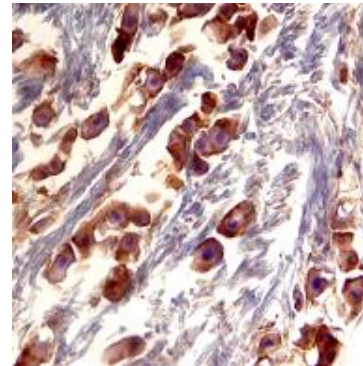
ALTERNATE NAMES:	CCN1, G1G1, IGFBP-10
CATALOG #:	6696-50
AMOUNT:	50 µg
HOST/ISOTYPE:	Rat IgG _{2B}
IMMUNOGEN:	E. Coli derived recombinant mouse Cyr61/CCN1. Asp176-Gly281.
MOLECULAR WEIGHT:	~25 kDa
PURIFICATION:	Protein A or G purified from hybridoma culture supernatant
FORM:	Lyophilized
FORMULATION:	Lyophilized from a 0.2 µm filtered solution in PBS with trehalose.
RECONSTITUTION:	Reconstitute at 0.5 mg/ml in sterile PBS.
SPECIES REACTIVITY:	Mouse
STORAGE CONDITIONS:	Stable at -20 to -70°C.
DESCRIPTION:	Cyr61 is a member of angiogenic and vasculogenic regulators designated CCN proteins, which includes CTGF, Cyr61 homolog, Fisp2. Cyr61 functions as an angiogenic inducer, stimulating cell adhesion and migration and promotes DNA synthesis of human vascular endothelial cells. Elevated expression of Cyr61 is observed during vessel growth, wound healing and chondrocyte differentiation.
APPLICATION:	WB: 2 µg/ml, IHC: 8-25 µg/ml.

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.

FOR RESEARCH USE ONLY! Not to be used on humans.



Detection of Mouse Cyr61 by Western Blot. Western blot shows lysates of mouse brain tissue (negative control) and mouse heart tissue. PVDF membrane was probed with 2 µg/mL of Cyr61/CCN1 Antibody followed by HRP-conjugated Anti-Rat IgG Secondary Antibody. Specific bands were detected for Cyr61 (at approximately 50 kDa) and cleaved Cyr61 (at approximately 25 kDa).



Cyr61/CCN1 in Mouse Trigeminal Ganglia. Cyr61/CCN1 was detected in perfusion fixed frozen sections of mouse trigeminal ganglia using 25 µg/mL Cyr61/CCN1 Antibody O/N at 4 °C. Tissue was stained with the Anti-Rat HRP-DAB Cell & Tissue Staining Kit and counterstained with hematoxylin (blue).

RELATED PRODUCTS:

- Cyr61 Antibody (Cat. No. 3648-100)
- Cyr61 Blocking Peptide (Cat. No. 3648BP-50)
- Cyr61/CCN1 Antibody (Clone 365108) (Cat. No. 6695-50)
- CYR61, Human Recombinant (Cat. No. 7131-100)