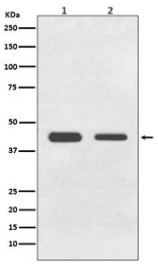
BMP11 Antibody / GDF11 [clone AOAG-7] (RQ4807)

Catalog No.	Formulation	Size
RQ4807	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human, Rat
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AOAG-7
Purity	Affinity purified
UniProt	O95390
Applications	Western blot: 1:500-1:2000
Limitations	This BMP11 antibody is available for research use only.



Western blot testing of 1) human HeLa and 2) rat C6 cell lysate with BMP11 antibody. Predicted molecular weight ~45 kDa.

Description

Growth/differentiation factor 11, also called Bone morphogenetic protein 11, is a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein plays a role in the development of the nervous and other organ systems, and may regulate aging. [RefSeq]

Application Notes

Optimal dilution of the BMP11 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human BMP11 / GDF11 was used as the immunogen for the BMP11 antibody.

Storage

Store the BMP11 antibody at -20oC.

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