

Polyclonal Antibody to Angiopoietin 2 (ANGPT2)

Angiopoietin 2
Catalog # AP74712

Product Information

Application	WB
Primary Accession	P80929
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14522

Additional Information

Other Names	ANG2; AGPT2
Target/Specificity	Bos taurus; Bovine (Cattle)
Dilution	WB~~Western blotting: 0.2-2 μ g/mL;1:250-2500 Immunohistochemistry: 5-20 μ g/mL;1:25-100 Immunocytochemistry: 5-20 μ g/mL;1:25-100 Optimal working dilutions must be determined by end user.
Format	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	ANG2 {ECO:0000303 PubMed:9266695}
Function	Binds tightly to placental ribonuclease inhibitor and has very low ribonuclease activity (PubMed: 9266695). Has potent angiogenic activity (PubMed: 9266695). Angiogenin induces vascularization of normal and malignant tissues (PubMed: 9266695). Abolishes protein synthesis by specifically hydrolyzing cellular tRNAs (PubMed: 9266695).
Cellular Location	Cytoplasmic vesicle, secretory vesicle lumen {ECO:0000250 UniProtKB:Q3TMQ6}. Secreted Nucleus, nucleolus {ECO:0000250 UniProtKB:P03950}. Note=Rapidly endocytosed by target cells and translocated to the nucleus where it accumulates in the nucleolus and binds to DNA (By similarity) {ECO:0000250 UniProtKB:P03950}
Tissue Location	Serum and milk..

Images

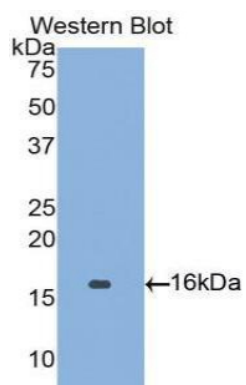


Figure. Western Blot; Sample: Recombinant ANGPT2, Bovine.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.