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GGNBP2 Rabbit pAb

Catalog # AP99143

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9H3C7
Other Accession	Q9H3C7
Reactivity	Human, Mouse
Predicted	Rat, Pig, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	79086
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GGNBP2
Epitope Specificity	601-697/697
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	LCRG1 is a 697 amino acid protein that may be involved in spermatogenesis. LCRG1 interacts with gametogenetin, a protein primarily expressed in testis and ovary. Localized in the cytoplasm, LCRG associates with vesicular structures. LCRG1 is expressed in brain, placenta, lung, liver and kidney, with highest levels found in heart, pancreas and skeletal muscle. LCRG1 is strongly down-regulated in 40% of primary laryngeal carcinoma and in 6 of 10 various cancer cell lines. Phosphorylated on Serine 360, LCRG1 exists as three isoforms produced by alternative splicing events.

Additional Information

Gene ID	79893
Other Names	DIF-3; DIF3; LCRG1; LZK1; ZFP403; ZNF403; GGNB2_HUMAN; GGNBP2; Laryngeal carcinoma-related protein 1; Protein ZNF403; gametogenetin binding protein 2; zinc finger protein 403
Dilution	IHC-P=1:100-500,IHC-F=1:400-800,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GGNBP2
Synonyms	LCRG1, LZK1, ZNF403
Function	May be involved in spermatogenesis.
Cellular Location	Cytoplasmic vesicle. Note=Associated with vesicular structures.
Tissue Location	Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Expressed more abundantly in heart, pancreas and skeletal muscle.

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