9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

39-2011: Anti-Wnt7a Polyclonal Antibody

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	WNT7A
Gene ID :	7476
Uniprot ID :	O00755
Alternative Name :	Protein Wnt-7a; WNT7A
Isotype :	Rabbit IgG
Immunogen Information :	A synthetic peptide corresponding to a sequence at the C-terminus of Human Wnt7a (226-256aa YVLKDKYNEAVHVEPVRASRNKRPTFLKIKK), identical to the related Mouse sequence.

Description

This gene is a member of the WNT gene family, which consists of structurally related genes that encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is involved in the development of the anterior-posterior axis in the female reproductive tract, and also plays a critical role in uterine smooth muscle pattering and maintenance of adult uterine function. Mutations in this gene are associated with Fuhrmann and Al-Awadi / Raas Â– Rothschild / Schinzel phocomelia syndromes.

Product Info

Amount :	100 µg/vial
Purification :	Immunogen affinity purified.
Content :	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3. Reconstitute : Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot, 0.1-0.5µg/ml, Human, Mouse, Rat

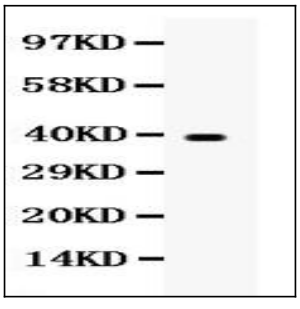


Figure 1: Anti-Wnt7a antibody(39-2011). Western blotting: Lanes: Anti Wnt7a(39-2011) at 0.5ug/ml. WB: HELA Whole Cell Lysate at 40ug. Predicted band size: 39 kDa. Observed band size: 39 kDa.

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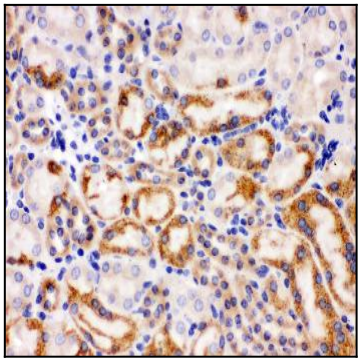


Figure 2: Anti-Wnt7a antibody(39-2011). IHC(P): Mouse Kidney Tissue.

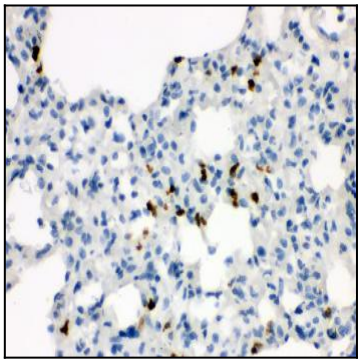


Figure 3: Anti-Wnt7a antibody(39-2011) . IHC(P): Rat Lung Tissue.

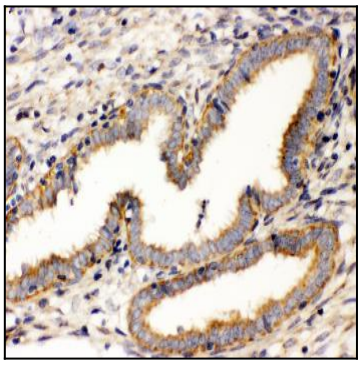


Figure 4: Anti-Wnt7a antibody(39-2011). IHC(P): Human Endometrial Carcinoma Tissue.

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