Doppel Polyclonal Antibody

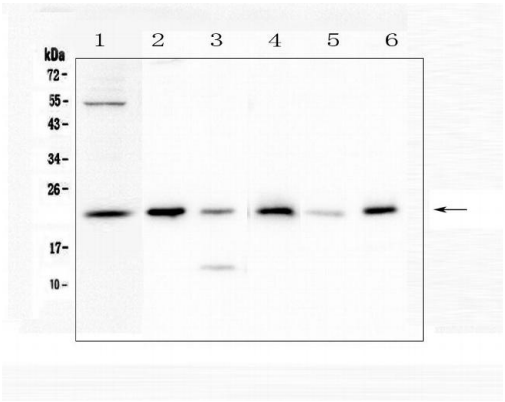
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence of human Doppel (ATQAANQGEFQKPDNKLHQQVLWRLVQELCSLKH).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	0.05mg sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2807379

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-

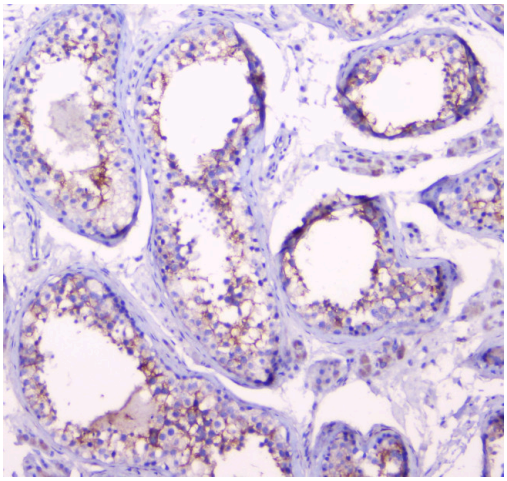
Product Specific Information

Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

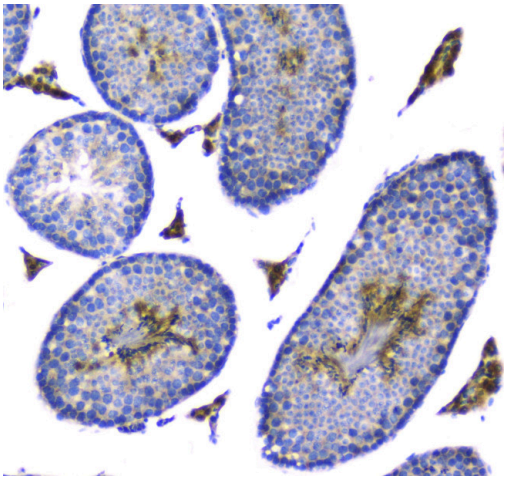
Product Images For Doppel Polyclonal Antibody



Doppel Antibody (PA5-95577) in WB
Western blot analysis of Doppel in Lane 1: human SHG-44 whole cell lysate, Lane 2: rat testis tissue lysates, Lane 3: rat kidney tissue lysates, Lane 4: mouse testis tissue lysates, Lane 5: mouse kidney tissue lysates, Lane 6: mouse brain tissue lysates. Electrophoresis was performed with 5-20% SDS-PAGE gel (70V, Stacking gel; 90V Resolving gel, Time: 2-3 hours), transferred to a nitrocellulose membrane and blocked using 5% Non-fat Milk/TBS (1.5 hrs at room temperature). Samples were incubated with Doppel polyclonal antibody (Product # PA5-95577) using a 0.5 µg/mL dilution, followed by a goat anti-rabbit IgG-HRP at a dilution of 1:10,000, and developed with enhanced chemiluminescence (ECL).



Doppel Antibody (PA5-95577) in IHC (P)
Immunohistochemistry analysis of Doppel in paraffin-embedded human testis tissue. Antigen retrieval was performed on the tissue using citrate buffer (pH 6, 20 min) and blocked with 10% goat serum. Samples were incubated with Doppel polyclonal antibody (Product # PA5-95577) at a 1 µg/mL dilution, followed by biotinylated goat anti-rabbit IgG (30 min, 37°C), and developed with Strepavidin-Biotin-Complex and DAB.



Doppel Antibody (PA5-95577) in IHC (P)
Immunohistochemistry analysis of Doppel in paraffin-embedded mouse testis tissue. Antigen retrieval was performed on the tissue using citrate buffer (pH 6, 20 min) and blocked with 10% goat serum. Samples were incubated with Doppel polyclonal antibody (Product # PA5-95577) at a 1 µg/mL dilution, followed by biotinylated goat anti-rabbit IgG (30 min, 37°C), and developed with Strepavidin-Biotin-Complex and DAB.

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