

Product datasheet for **TA387710**

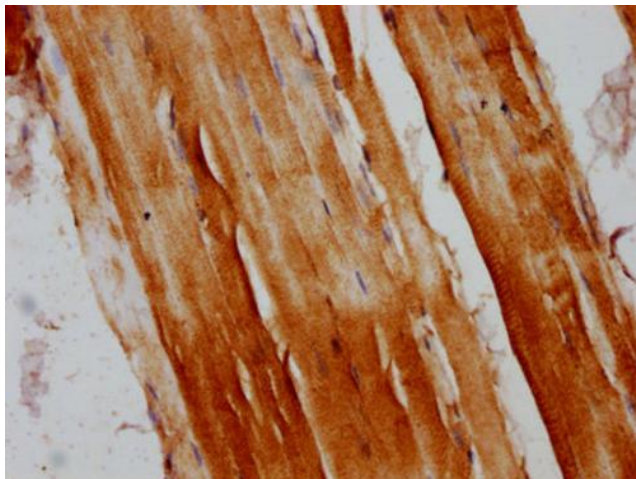
RANBP10 Rabbit Polyclonal Antibody

Product data:

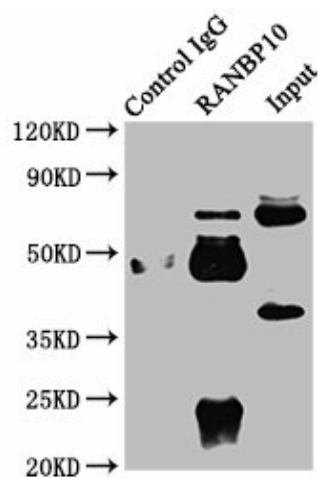
Product Type:	Primary Antibodies
Applications:	IHC, IP, WB
Recommended Dilution:	Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IP:1:200-1:2000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Human Ran-binding protein 10 protein (3-165AA)
Formulation:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Concentration:	lot specific
Purification:	>95%, Protein G purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	Q6VN20
Background:	Acts as a guanine nucleotide exchange factor (GEF) for RAN GTPase (By similarity). May play an essential role in hemostasis and in maintaining microtubule dynamics with respect to both platelet shape and function (By similarity). May act as an adapter protein to couple membrane receptors to intracellular signaling pathways. Enhances dihydrotestosterone-induced transactivation activity of AR, as well as dexamethasone-induced transactivation activity of NR3C1, but does not affect estrogen-induced transactivation. In contrast to RANBP9, does not interact with Sos and does not activate the Ras pathway.



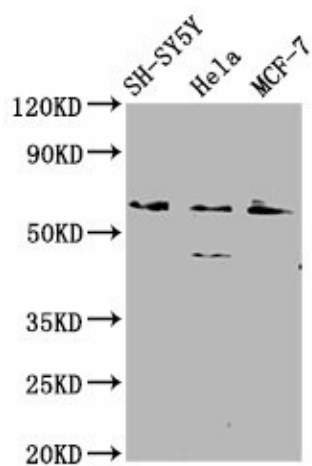
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Product images:

IHC image of TA387710 diluted at 1:200 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunoprecipitating RANBP10 in Rat Brain tissue
Lane 1: Rabbit control IgG instead of TA387710 in Rat Brain tissue. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)
Lane 2: TA387710 (6µg) + Rat Brain tissue (1mg)
Lane 3: Rat Brain tissue (20µg)



Western Blot

Positive WB detected in: SH-SY5Y whole cell lysate, HeLa whole cell lysate, MCF-7 whole cell lysate

All lanes: RANBP10 antibody at 2.1 μ g/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 68, 59, 65 kDa

Observed band size: 68 kDa