Datasheet for ABIN6746381

anti-Transgelin 3 antibody (AA 55-104)

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Overview

Quantity:	100 µL
Target:	Transgelin 3 (TAGLN3)
Binding Specificity:	AA 55-104
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Transgelin 3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa55-104 of mouse Tagln3 (Q9R1Q8, NP_062728). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Elephant, Panda, Dog, Bovine, Rabbit, Horse, Guinea pig (100%), Galago, Bat, Opossum (92%), Platypus (85%). Type of Immunogen: Synthetic peptide
Specificity:	Mouse TAGLN3
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog (100%).
Purification:	Immunoaffinity purified

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Target Details

Target:	Transgelin 3 (TAGLN3)
Alternative Name:	TAGLN3 / Neuronal Protein 22 (TAGLN3 Products)
Background:	Name/Gene ID: TAGLN3 Synonyms: TAGLN3, Neuronal protein 22, NP22, Transgelin 3, Neuronal protein NP25, NP25, Transgelin-3
Gene ID:	29114
NCBI Accession:	NP_062728
UniProt:	Q9UI15

Application Details

Application Notes:	Approved: WB (1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Publications

Product cited in:

Waite, Floyd, Arbour-Reily, Stephens: "Interferon-gamma-induced regulation of peroxisome proliferator-activated receptor gamma and STATs in adipocytes." in: **The Journal of biological chemistry**, Vol. 276, Issue 10, pp. 7062-8, (2001) (PubMed).

Bartoli, Gu, Tsai, Venema, Brooks, Marrero, Caldwell: "Vascular endothelial growth factor activates STAT proteins in aortic endothelial cells." in: **The Journal of biological chemistry**, Vol. 275, Issue 43, pp. 33189-92, (2000) (PubMed).

Bromberg, Darnell: "The role of STATs in transcriptional control and their impact on cellular function." in: **Oncogene**, Vol. 19, Issue 21, pp. 2468-73, (2000) (PubMed).

Dent, Hu-Li, Paul, Staudt: "T helper type 2 inflammatory disease in the absence of interleukin 4 and transcription factor STAT6." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 95, Issue 23, pp. 13823-8, (1998) (PubMed).

Heim: "The Jak-STAT pathway: specific signal transduction from the cell membrane to the nucleus." in: **European journal of clinical investigation**, Vol. 26, Issue 1, pp. 1-12, (1996) (PubMed).

Images

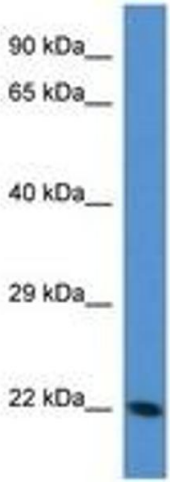

Image 1.

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