

Product datasheet for **TA369554**

KCTD16 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human cerebrum tissue, rat brain tissue and Mouse brain tissue IHC: 25-100 Positive control: Human breast cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human KCTD16
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	49 kDa
Gene Name:	potassium channel tetramerization domain containing 16
Database Link:	Entrez Gene 57528 Human Q68DU8



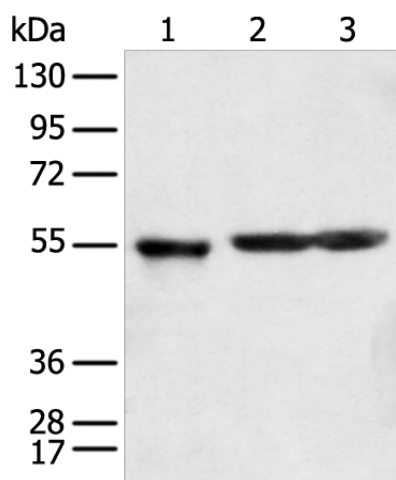
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Background:

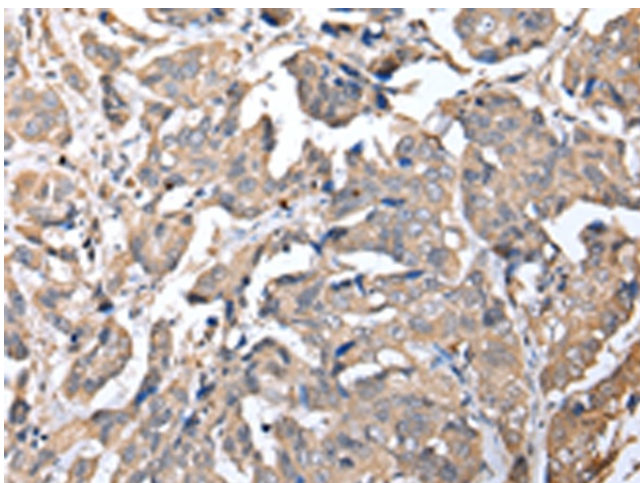
The BTB (Broad-Complex, Tramtrack and Bric a brac) domain, also known as the POZ (Poxvirus and Zinc finger) domain, is an N-terminal homodimerization domain that contains multiple copies of kelch repeats and/or C2H2-type zinc fingers. Proteins that contain BTB domains are thought to be involved in transcriptional regulation via control of chromatin structure and function. KCTD16 (potassium channel tetramerisation domain containing 16), also known as BTB/POZ domain-containing protein KCTD16, is a 428 amino acid protein that contains one BTB (POZ) domain. An auxiliary subunit of GABAB R1 and GABAB R2, KCTD16 increases agonist potency and alters the G-protein signaling of the receptors by accelerating onset and promoting desensitization.

Synonyms:

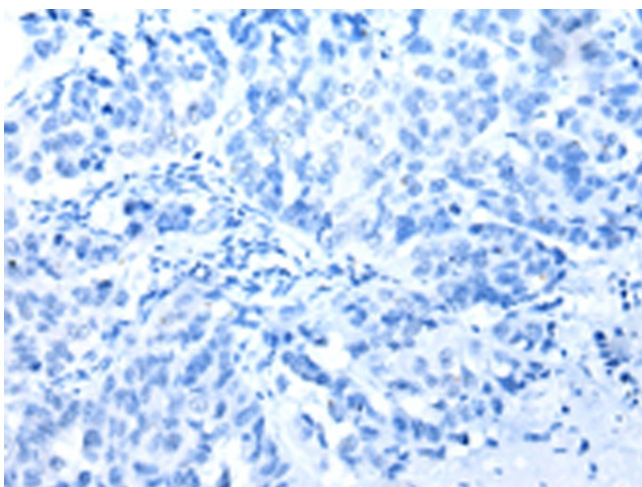
DKFZp781A1155; KIAA1317; MGC138167

Product images:


Gel: 8%SDS-PAGE
 Lysate: 40 µg
 Lane 1-3: Human cerebrum tissue
 rat brain tissue and Mouse brain tissue
 Primary antibody: TA369554 (KCTD16 Antibody)
 at dilution 1/350
 Secondary antibody: Goat anti rabbit IgG at
 1/8000 dilution
 Exposure time: 3 seconds



Immunohistochemistry of paraffin-embedded
 Human breast cancer tissue using TA369554
 (KCTD16 Antibody) at dilution 1/25 (Original
 magnification: ×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA369554 (KCTD16 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: $\times 200$)