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Datasheet for ABIN1385485 **anti-ANKRD26 antibody**

Overview

Quantity:	100 µL
Target:	ANKRD26
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANKRD26 antibody is un-conjugated
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ANKRD26
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	ANKRD26
Alternative Name:	ANKRD26 (ANKRD26 Products)
Background:	Synonyms: Ankrd26, Ankyrin repeat domain 26, Ankyrin repeat domain-containing protein 26, Ankyrin repeat domaincontaining protein 26, ANR26_HUMAN. Background: Ankyrins are membrane adaptor molecules that play important roles in coupling

Target Details

integral membrane proteins to the spectrin-based cytoskeleton network. Mutations of ankyrin genes lead to severe genetic diseases such as fatal cardiac arrhythmias and hereditary spherocytosis. ANKRD26 (ankyrin repeat domain-containing protein 26) is a 1709 amino acid protein that contains five ANK repeats. Expressed at high level in many tissues, including brain, liver, kidney and heart, ANKRD26 may be phosphorylated upon DNA damage by Atm or ATR. ANKRD26 is also expressed in the arcuate and ventromedial nuclei within the hypothalamus and in the ependyma and the circumventricular organs that act as an interface between the peripheral circulation and the brain. It is suggested that alterations in the gene encoding ANKRD26 may lead to obesity. Three isoforms of ANKRD26 exists due to alternative splicing events.

Gene ID:	22852
Pathways:	Feeding Behaviour

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months