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Datasheet for ABIN1393632

**anti-Fam53a antibody (AA 255-340) (Alexa Fluor 647)**

## Overview

Quantity:	100 µL
Target:	Fam53a
Binding Specificity:	AA 255-340
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fam53a antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DNTNP/FAM53A
Isotype:	IgG
Cross-Reactivity:	Dog, Human
Predicted Reactivity:	Chicken
Purification:	Purified by Protein A.

## Target Details

Target:	Fam53a
Alternative Name:	DNTNP/FAM53A ( <a href="#">Fam53a Products</a> )

## Target Details

Background:	<p>Synonyms: DNTNP, Dorsal neural-tube nuclear protein, FA53A_HUMAN, FAM53A, family with sequence similarity 53, member A, Protein FAM53A.</p> <p>Background: Dorsal neural-tube nuclear protein is a 398 amino acid nuclear protein. DNTNP is thought to play an important role in neural development by specifying dorsal cell fates within the neural tube. Widely expressed in the dorsal neural tube, DNTNP is most highly expressed in the dorsal regions of the midbrain, the hindbrain, the diencephalon, and the spinal neural tube and is expressed at lower levels in the branchial arches, the telencephalon, the heart, and somites of developing embryos. DNTNP is encoded by a gene located on chromosome 4 which contains many genes including the Huntingtin gene, which is found to encode an expanded glutamine tract in cases of Huntington's disease.</p>
Pathways:	<a href="#">Protein targeting to Nucleus</a>

## Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months