



[Go to Product page](#)

Datasheet for ABIN5005766  
**anti-KCND1 antibody (AA 301-400) (Alexa Fluor 750)**

### Overview

Quantity:	100 µL
Target:	KCND1 (Kcnd1)
Binding Specificity:	AA 301-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCND1 antibody is conjugated to Alexa Fluor 750
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 KCND1/Kv4.1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	KCND1 (Kcnd1)
Alternative Name:	KCND1 ( <a href="#">Kcnd1 Products</a> )

## Target Details

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**Background:** Synonyms: Kcnd1, KCND1\_HUMAN, Kv4.1, mShal, Potassium voltage gated channel Shal related subfamily member 1, Potassium voltage gated channel subfamily D member 1, Potassium voltage-gated channel subfamily D member 1, Shal type potassium channel, Voltage gated potassium channel Kv4.1, Voltage gated potassium channel subunit Kv4.1, Voltage-gated potassium channel subunit Kv4.1.

Background: Pore-forming (alpha) subunit of voltage-gated rapidly inactivating A-type potassium channels. May contribute to I(To) current in heart and I(Sa) current in neurons. Channel properties are modulated by interactions with other alpha subunits and with regulatory subunits.

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**Gene ID:** 3750

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## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months

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