

Datasheet for ABIN879550

## anti-DOK2 antibody (pTyr351) (AbBy Fluor® 488)



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### Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | DOK2                                                                                                                           |
| Binding Specificity: | pTyr351                                                                                                                        |
| Reactivity:          | Human, Mouse                                                                                                                   |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This DOK2 antibody is conjugated to AbBy Fluor® 488                                                                            |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |                                                                                                                                                                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic phosphopeptide derived from mouse p56Dok2 around the phosphorylation site of (Tyr351)                                                                                                                    |
| Isotype:              | IgG                                                                                                                                                                                                                               |
| Specificity:          | This phosphorylation site is found at Tyr345 in Human. Due to the highly conserved nature of this sequence with DOK1, this antibody may react with DOK1 when it is phosphorylated at Tyr362 in Human and Tyr361 in Mouse and Rat. |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Pig, Horse, Chicken                                                                                                                                                                                  |
| Purification:         | Purified by Protein A.                                                                                                                                                                                                            |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | DOK2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Alternative Name: | Dok2 ( <a href="#">DOK2 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Background:       | <p>Synonyms: DokR, Frip, Docking protein 2, Dok-related protein, Dok-R, Downstream of tyrosine kinase 2, IL-four receptor-interacting protein, p56(dok-2), Dok2</p> <p>Background: DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK2 may modulate the cellular proliferation induced by IL-4, as well as IL-2 and IL-3. May be involved in modulating Bcr-Abl signaling. Attenuates EGF-stimulated MAP kinase activation.</p> |
| Gene ID:          | 13449                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| UniProt:          | <a href="#">O70469</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## Application Details

|                    |                       |
|--------------------|-----------------------|
| Application Notes: | IF(IHC-P) 1:50-200    |
| 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:      | Sodium azide                                                                                                            |
| Precaution of Use: | This product contains Sodium azide: 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                                                                                                               |