bs-1376R **[Primary Antibody]**

Connexin-32 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 2705 **SWISS:** P08034

Target: Connexin-32

Immunogen: KLH conjugated synthetic peptide derived from human Connexin-32: 201-283/283. < Cytoplasmic >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Vascular smooth muscle connexin-32 is a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. The protein is the major protein of gap junctions in the heart that are thought to have a crucial role in the synchronized contraction of the heart and in embryonic development. Mutations in this gene have been associated with oculodentodigital dysplasia and heart malformations.

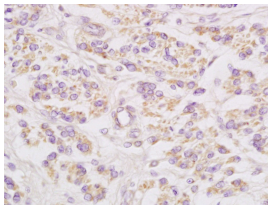
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Dog, GuineaPig, Horse)

Predicted MW.: 32 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Tissue/cell: human cervical carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Connexin-32 Polyclonal Antibody, Unconjugated(bs-1376R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

SELECTED CITATIONS

- **[IF=3.3]** Zhang et al. Hydrogen-rich water protects against acetaminophen-induced hepatotoxicity in mice. (2015) World.J.Gastroenterol. 21:4195-209 IHC ;Mouse. 25892869
- **[IF=2.43]** Zhang, Jing-Yao, et al. "Hydrogen-rich water protects against acetaminophen-induced hepatotoxicity in mice." World Journal of Gastroenterology 21.14 (2015): 4195-4209. IHC ;="Mouse". 25892869