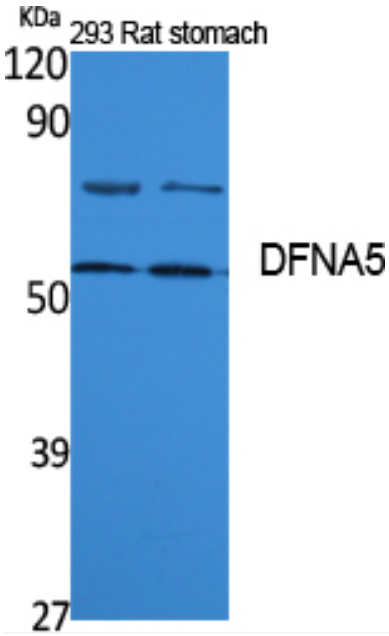
DFNA5 Polyclonal Antibody

Catalog No	BYab-00557
Isotype	IgG
Reactivity	Human;Rat
Applications	WB;ELISA
Gene Name	DFNA5
Protein Name	Non-syndromic hearing impairment protein 5
Immunogen	Synthesized peptide derived from DFNA5 . at AA range: 200-280
Specificity	DFNA5 Polyclonal Antibody detects endogenous levels of DFNA5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DFNA5; ICERE1; Non-syndromic hearing impairment protein 5; Inversely correlated with estrogen receptor expression 1; ICERE-1
Observed Band	54kD
Cell Pathway	[Gasdermin-E, N-terminal]: Cell membrane ; Multi-pass membrane protein .; [Gasdermin-E]: Cytoplasm, cytosol .
Tissue Specificity	Expressed in cochlea (PubMed:9771715). Low level of expression in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas, with highest expression in placenta (PubMed:9771715).
Function	disease:Defects in DFNA5 are the cause of non-syndromic sensorineural deafness autosomal dominant type 5 (DFNA5) [MIM:600994]. DFNA5 is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information.,similarity:Belongs to the gasdermin family.,tissue specificity:Expressed in cochlea. Low level of expression in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas, with highest expression in placenta.,

Background	Hearing impairment is a heterogeneous condition with over 40 loci described. The protein encoded by this gene is expressed in fetal cochlea, however, its function is not known. Nonsyndromic hearing impairment is associated with a mutation in this gene. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of extracts from rat stomach, 293 cells, using DFNA5 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000