

```
import(  
    "encoding/json"  
    "encoding/hex"  
    "crypto/sha1"  
    "crypto/hmac"  
    "strings"  
    "fmt"  
)  
  
func (this *PagarmeController) Postback() {  
  
    apiKey := "my api key"  
  
    pagarmeSignature := this.Ctx.Request.Header.Get("X-Hub-Signature")  
  
    if !strings.Contains(pagarmeSignature, "="){  
        this.Abort("500")  
        return  
    }  
  
    fmt.Println("*****")  
    fmt.Println("** X-Hub-Signature = ", pagarmeSignature)  
    fmt.Println("*****")  
  
    cleanedSignature := strings.Split(pagarmeSignature, "=")[1]  
  
    fmt.Println("*****")  
    fmt.Println("** cleanedSignature = ", cleanedSignature)  
    fmt.Println("*****")  
  
    mac := hmac.New(sha1.New, []byte(apiKey))  
    mac.Write(this.Ctx.Input.RequestBody)  
    rawBodyMAC := mac.Sum(nil)  
    computedHash := hex.EncodeToString(rawBodyMAC)  
  
    fmt.Println("*****")  
    fmt.Println("** computedHash = ", computedHash)  
    fmt.Println("*****")  
  
    if !hmac.Equal([]byte(cleanedSignature), []byte(computedHash)){  
        fmt.Println("*****")  
        fmt.Println("** Inválid Pagarme Signature: Expected: %v, Received: %v", string(cleanedSignature), string(computedHash))  
        fmt.Println("*****")  
        this.Abort("500")  
        return  
    } else {  
        fmt.Println("*****")  
        fmt.Println("** Válido Pagarme Signature: Expected: %v, Received: %v", string(cleanedSignature), string(computedHash))  
        fmt.Println("*****")  
    }  
  
    this.Ctx.ResponseWriter.WriteHeader(200)  
}
```